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Repeater Journal

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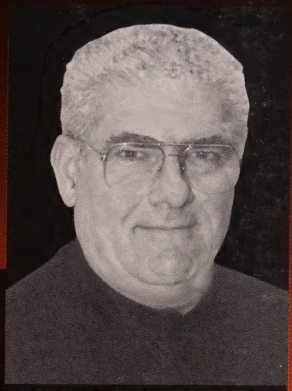
The Official Voice of SERA, Inc.

May, June, July 2002 3.00



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Richard (Rick) Wright W4LOC
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NORTH CAROLINA

DIRECTOR
Danny Hampton K4ITL
5453 Rock Ser. Sta. Rd., Raleigh, NC 27619
(919) 662-9797 - (fax) 662-4149

VICE-DIRECTOR
STATEWIDE COORDINATOR
Frank A. Lynch W4FAL
2528 Oakes Plantation Dr. -Raleigh, NC 27610
(919) 217-1999

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Chuck Wright K4NYS
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Jim Cantrell WJ4C
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TO CONTACT A COORDINATOR VIA EMAIL: theircallsign@sera.org

MAY, JUNE, JULY 2002 - ISSUE 2

SERA Repeater Journal
The Official Voice of SERA, Inc.

By Far . . .The Most Recognized Regional Amateur Publication in the United States

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.
Exclusively for Southeastern Repeater owners and users.

Editorially Speaking . . !

Wayne Williams K4MOB - SK

Wayne passed away on Tuesday, February 12, 2002, just as the February issue of the *Repeater Journal* was in the mail to SERA members. He died of complications from the cancer that he wrote about in his November 2001 editorial "Superman Got Shot Down." In that issue, Wayne revealed that he first learned that he had cancer in 1999, after trying to ignore symptoms for some time. A combination of surgery, radiation and chemotherapy eliminated the cancer for a while. "As of now," Wayne wrote in that editorial, "the doctors tell me I am clean, and finally over my nightmare of 2 years duration."

Wayne's relief was to be short lived. By April 2001, his doctor found a small lump that turned out to be malignant. More surgery was not an option, as Wayne hadn't had time to heal completely from the first round. The doctor hoped chemotherapy could keep the cancer at bay until more aggressive treatment could be attempted again.

But this January Wayne felt ill and visited the doctor, who ran tests and returned with bad news. The cancer was spreading rapidly, and was beyond treatment. Wayne would have days, maybe weeks, but not a month to live. Chemotherapy stopped, and Wayne received medication only to ease the pain that began to build as his organs failed.

I visited Wayne several times in those last weeks, and many other SERA officers and hams either called or visited. His outlook was amazingly positive. He was not afraid or angry. And while friends and family prayed for a miracle, Wayne said he already received one - the time to settle his affairs and be with those friends and family.

One of the affairs much on his mind was the *Repeater Journal*. In past issues, we have documented how Wayne and I worked together to accomplish the transition between editors. When we learned that the cancer returned, we felt an unspoken pressure of time. But we remained optimistic-that he would beat the disease. When I wrote last month that Wayne would continue working with SERA, I was being truthful. Wayne's fateful last visit to the doctor occurred after the February *Journal* negatives were at the printer. When the first proof copies were finished, the printer rushed to Wayne's house personally to make sure he saw that issue.

I had designed the February issue to be a tribute to Wayne's 23 years as editor. Now, it will stand as a memorial as well. We will miss him.

Gary Pearce KN4AQ, Editor

SERA OFFICERS & STAFF

PRESIDENT
Don Williams, W4VT
412 Ridgeway Dr.,Bluefield, VA 24605
(540) 326-3338 - (fax) 322-2282

VICE-PRESIDENT
Richard (Rick) Wright W4LOC
93 Morrison Lane, Chickamauga, GA 30707
(706) 539-2334

TREASURER
Johnny Wofford, WA4ETE
6781 Oakmoor Circle S. - Bartlett, TN 38135
(901) 384-4349 - (fax) 384-3879

SECRETARY
H. Alex Hedrick, Jr., N8FWL
P.O. Box 417 - Beckley, WV 25802
(304) 252-6611 (h) 673-6611 (w) (fax) 255-5224

EXECUTIVE COMMITTEE
Don Williams W4VT (540) 326-3338
Richard (Rick) Wright W4LOC (706) 539-2334
Johnny Wofford WA4ETE (901) 384-4349
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SPECIAL ASSISTANCE LINE
1-888-593-5527 or E-Mail: help@sera.org

INFORMATION - info@sera.org

PIPELINE TO PRESIDENT - w4vt@sera.org

REPEATER JOURNAL STAFF

EDITOR - PRODUCTION COORD.
Gary Pearce KN4AQ
116 Waterfall Ct., Cary, NC 27513
(919) 380-9944

ADVERTISING DEPARTMENT
Mike Lewis WA4KE
3401 Apple Meadow Dr., Fuquay-Varina, NC 27526
(919) 552-9118 home, (919) 549-1561 w

FEATURE WRITERS
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Email any SERA person simply by:
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SERA Repeater Journal
The Most Recognized Regional Amateur Magazine in the U.S.
The Official Voice of SERA, Inc.

May, June, July 2002
Volume 31, No. 2
Organized in 1971
" Completing 31 Years" Of Continuous Service To Amateur Radio

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Check out the Official SERA Web Site: www.sera.org

About SERA

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 329,000 square miles across 8 states. Over 2,450 repeaters are available to more than 91,000 Amateurs from the Southeastern member States of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia. In 2002, SERA completes its 31st year of service with our continued mission statement: "To serve the Amateur repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers."

About the SERA Repeater Journal Magazine

The *Repeater Journal*, voice of SERA is published quarterly, on the first of the months of February, May, August and November and mailed free to members of SouthEastern Repeater Association, Inc. DEADLINES: News and Ad copy due the 1st of the month, one month prior to publication. (Jan. 1 for Feb, Apr. 1 for May, Jul. 1 for Aug. and Oct. 1 for Nov. issues.) The *Repeater Journal* is mailed Bulk Rate at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. News and newsletter exchanges should be mailed to the Editor or for coveratge to individual State corresponodents whose addresses are in this book under their indivudal State Columns.

About SERA Associate Membership

(A Membership for Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable one to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, published the first week of February, May, August and November. Memberships received after deadline will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership

(A Membership for Repeater Owners & Sponsors)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may with a coordinated, operable, repeater, join SERA as a Full Member. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a "Smiley Face" (☺) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

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I am shocked and deeply saddened to hear about this. Wayne told me last year that he had received the news about finding more cancer, but I had hoped that it could be treated. It just will not be the same not to see him at hamfests. Wayne was a rare treasure to the ham community and he will be missed.

73, Don Edwards

I'm sure sorry to hear of Wayne's passing, he was a real asset to Amateur Radio. I'm really going to miss chatting with him at hamfests.

73, John Covington W4CC
NC ARRL Section Manager

Wayne guided me with his editorial expertise in writing articles for the Repeater Journal and encouraged me to contribute often. He was an inspiration to me. It was always a pleasure to see and work with him at hamfest. Wayne was my friend. I will truly miss him as I know many others will.

With deepest sympathy,
Roger Jefferson AC4U

I just spoke with Brennan Price, N4QX at League HQ. Brennan is our contact for the submission of the ARRL Repeater Directory Data.

He praised Wayne for what he had done for Amateur Radio over the years, and went on the say that the *Repeater Journal* was the best Repeater related publication and quite possible the best regional ham radio publication.

I know the OM is smiling!
Frank Lynch W4FAL

My sincere condolences to the Williams family and the SERA organization on the loss of Wayne. I am certain he and his knowledge and friendship will be sorely missed. I am happy that I had the chance to meet and interact with him during my time as Editor of the ARRL Repeater Directory.

Please pass on my greetings to the SERA organization.

With 73, Jay Mabey NU0X

I didn't know Wayne, but have certainly enjoyed his work for years. Just finished reading the articles and letters in the Journal. We have lost a true friend of our hobby as well as a very hard worker.

Bill Fairley WA4TCC

Wayne was a friend for many years. He was a gentleman, a good and honest businessman, and a person who genuinely loved Amateur Radio. If there's a single tribute I could pay to Wayne's Amateur Radio memory, it would simply be, "He left this hobby better than he found it." We should all be that good.

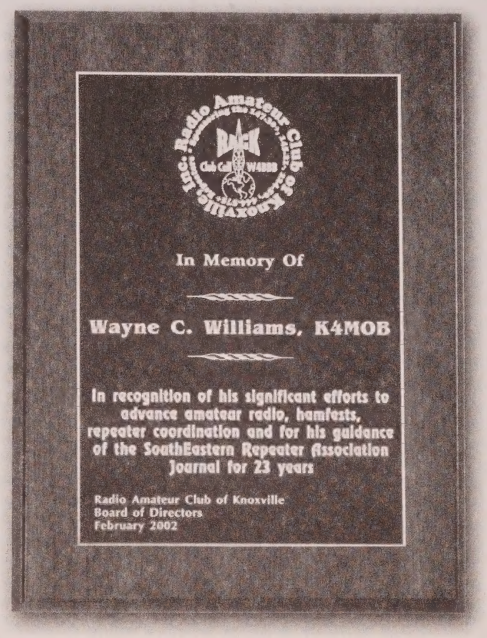
VY 73, Dick Ross, K2MGA
CQ Communications, Inc.

The special issue (Feb 2002) dedicated to Wayne K4MOB was superb. I hope Wayne had a chance to see it before he passed. He would have been overjoyed and embarrassed at the same time.

No one really knew how sick he was, that was his nature. Go forward and deal with it, was his way. We will all miss him. The timing of this quarter's issue, as sad as it may seem, would have been the way he would like to have said "Good-bye. Great memories."

Our prayer go out to his family and friends.

73, Jim Wood KF4CJE


Radio Amateur Club of Knoxville, Inc.
In Memory Of
Wayne C. Williams, K4MOB
In recognition of his significant efforts to advance amateur radio, hamfests, repeater coordination and for his guidance of the SouthEastern Repeater Association Journal for 23 years
Radio Amateur Club of Knoxville
Board of Directors
February 2002

I learned last night of Wayne's passing... and the article on the web page was very nice.

I first met Wayne when I lived in Greensboro in the mid 70's and Wayne was helpful in my introduction to two meter FM. I purchased my first commercial radio from Wayne, an IC22S, and have been to his QTH etc. Even after moving around he still remembered me.

He did a lot for ham radio and will be greatly missed.

Pete Riker K4BKD

I have known Wayne for almost twenty five years and considered him my friend. I met him at many hamfests over the years and he was a good person. I really hate to hear of his passing as posted on the SERA homepage. I sent my condolences to Tim and Frank also who I have know over the years with SERA.

I got this email from Wayne last November, parts of are deleted that were personal. You have my permission to use this clip if you want to, as it tells of a friendship of hams. I will miss meeting Wayne at the hamfests which he said he will try to make.

Sam Snyder, WM4T

Good Morning Sam....

First thank you for all the kind words. I feel very good about my years with the *Repeater Journal*. It was a very fulfilling job.

I do appreciate your friendship over these many years. I hope we can meet and have a chat sometimes in the future. There ain't many of us "old timers" left. I wish you and your family the best of health.

warmest regards, wayne

I was very sorry to hear about Wayne's recent passing and I thought the last publication was very fitting to recognize him for his years of service. He will be missed.

Vy 73, Daryl Sampson W4OH

This information comes from the obituary published in the Greensboro NC *News and Record:*

COLFAX — Mr. Wayne Crosby Williams Sr., "K4MOB", 65, of 600 Lakedale Road, died Tuesday, Feb. 12, 2002, at his home. He was buried on Thursday, February 14, in the Highland Burial Park, Danville, Va.

Mr. Williams was born March 14, 1936, in Rocky Mount, Va., a son of the late James Thomas and Jacqueline Evans Williams, and was a US Navy veteran. Mr. Williams grew up and was educated in Pittsylvania County, Va., and was a graduate of the Danville Technical Institute.

He worked in the production area with the Winston-Salem *Journal* newspaper for many years and was a dedicated ham radio operator for almost 50 years, assisting mainly with public service, and was a broadcasting engineer.

He was preceded in death by a son, Greg Maloy Williams.

Surviving are his wife, Geraline Butts Williams of the home; two sons, Wayne Williams Jr. and his wife, Diane and Christopher Allen Williams, all of Colfax; a brother, Michael Keith Williams of Danville, Va.; and four grandchildren.

FCC Kicks North Carolina Repeater Off Air

Gary Pearce KN4AQ

March 1, 2002

Mr. John A. Parker, Jr.
564 Sugarloaf Road
Brevard, NC 28712

RE: Amateur Radio license NY4X

Dear Mr. Parker:

On November 9, 2001, we notified you that it had come to our attention that you are operating an uncoordinated repeater on 147.030 MHz, and that your repeater is causing interference to a coordinated repeater, KU4OL. The repeater you are operating is owned by you but identifies by the call sign NY4X. We also notified you that evidence indicated that the repeater often keys up even if there are no legitimate communications on it, and that some of its users deliberately interfere with the KU4OL repeater.

We informed you in our November 9 letter that Section 97.205 of the Commission's rules states that where there is interference between a coordinated and an uncoordinated repeater, "the licensee of the uncoordinated repeater has primary responsibility to resolve the interference." We requested information from you pursuant to Section 308(b) of the Communications Act of 1934, as amended, 47 U.S.C. Section 308(b), which gives the Commission the authority to request information from a licensee regarding the operation of a radio station.

In your response you stated that the NY4X repeater was not coordinated but that you were attempting to obtain coordination from the SouthEastern Repeater Association (SERA). You submitted a copy of a coordination application dated November 23, 2001. You requested 60 days to obtain coordination. On December 27 you informed us that you were requesting the frequency 145.23 MHz. In a telephone conversation with this office on February 19, 2002, you stated that you had not yet obtained coordination. We informed you that he had to either obtain coordination or prevent interference to KU4OL by the end of February. As of this date, interference to KU4OL continues, and you have not obtained coordination.

You have had more than ample time to fulfill your obligation under Section 97.205 of the Commission's rules. Effective upon receipt of this letter, the NY4X repeater must be shut down until you either: 1) obtain coordination; or 2) submit a detailed, specific plan to this office to prevent interference to KU4OL. Failure to shut down will result in enforcement action against your Amateur license for NY4X, and may include revocation and a monetary forfeiture of up to $7,500.

John Parker AG4AZ of Brevard, North Carolina, couldn't get coordination from SERA because the 147.03 repeater he put on the air from near the summit of Rich Mountain, near Brevard, didn't meet the two meter separation guidelines of 100 miles between co-channel repeaters. This rule of more-than-thumb is part of SERA's CP&G - Coordination Policy and Guidelines - that sets the standard for SERA's frequency coordinators to follow when coordinating a repeater. (The CP&G is available on the SERA web site).

In the letter above, the FCC ordered Parker to take his repeater off the air, following complaints from the owner of a coordinated repeater in nearby Mountain Rest, South Carolina, unless he could get coordination or solve the interference problems. He took the repeater off the air.

Even more trouble for Parker is the fact that there are *no* two meter repeater frequencies at his site that meet the separation rule. That's not surprising - in fact, it's common. There are very few areas, urban or rural, in SERA territory where there's room for a new two meter repeater.

> ***"Effective upon receipt of this letter, the NY4X repeater must be shut down..." - FCC***

John Parker is not happy with SERA. He told the *Repeater Journal* that he was initially given coordination for 147.03 by then SERA NC Assistant Director Todd Robinson KE4JMH. But, he said, the coordination was verbal, so he couldn't prove it to the FCC. SERA has never listed Parker's repeater as coordinated. Robinson has since resigned from SERA, and was unavailable for comment.

Parker says his repeater would work on 147.03 even though it is below the 100 mile guidelines (and near a mountain peak) because the mountain terrain would shield his signal from co-channel neighbors. He also says that the KU4OL repeater in Mountain Rest could operate on another frequency, clearing 147.03 for his machine near Brevard. and he says that there are several other frequencies that would work for Rich Mountain, all assisted by terrain shielding because they all fall below the 100 mile guideline. Finally, Parker claims that North Carolina Frequency Coordinator Frank Lynch W4FAL is deliberately standing in the way of his obtaining coordination.

Lynch explains that there is a way around the 100 mile separation rule. An applicant can get waivers from potential co-channel neighbors, accepting the short-spaced repeater. Parker said he doesn't think he'll be very successful in getting waivers, and Lynch agrees, saying most repeater owners are reluctant to sign them.

Regarding Parker's claim of "verbal" coordination, Lynch says that SERA has no such thing. Coordination is handled by submitting an application that is reviewed by the frequency coordinator, and all the coordinators in surrounding states, to make sure there are no conflicts with existing or already proposed repeaters. If all coordinators approve, the applicant receives written coordination. Parker did not follow that process before putting his repeater on the air.

Parker did approach Lynch about coordination after receiving his first letter from the FCC. He suggested several frequency pairs, all below the 100 mile guideline, and Lynch responded that he could coordinate some of them only if Parker obtained waivers.

Lynch points to the 181 coordinations he has completed since becoming the NC Coordinator in 1996, and to the fact that of 470 repeaters in North Carolina, only a dozen are uncoordinated, as evidence that he works hard to accommodate every request for coordination that he receives. He says he applies the SERA CP&G equally to all applications.

Coordination difficulties are not new to SERA. Because two meter repeater pairs are a scarce resource, desire and competition for coordination is sometimes intense.

This situation stands out because it has been extremely rare for the FCC to actually order a repeater off the air. That may change, as the FCC's Riley Hollingsworth has begun putting muscle behind the Part 97 requirement that uncoordinated repeaters bear the burden of responsibility for solving interference problems. As a result, frequency coordination has taken on new importance. ■

SOUTHEASTERN SKYWARN

U.S. DEPARTMENT OF COMMERCE

The meteorologists at the National Weather Service love SKYWARN, especially the Amateur Radio component. They like their Doppler RADAR, implemented in most NWS offices during the 90's, but as Vincent DiCarlo, Warnings Coordination Meteorologist (WCM) for the Greer, South Carolina NWS office says, "radar is just microwaves bouncing off raindrops." It can't tell you what's happening on the ground, and that's what forecasters need to know to predict severe weather.

SKYWARN is a NWS program. SKYWARN spotters include anyone who might be out observing the weather and who has a way to report it - police, truck drivers, the general public. But the largest and most useful component of the spotter network is Amateur Radio. Hams have the best communications system, the best training, and the most dedication to providing accurate reports to the NWS during severe weather.

And it works. DiCarlo, who is also KF4ZOQ, says that "the NWS offices with best SKYWARN operations have the best verification statistics." That's the report card that says how well the office does in issuing warnings for real storms. Watches are issued by a central office in Oklahoma, but warnings are issued by each local NWS office, and they don't like to issue warnings for storms that fail to develop.

It works by saving lives, too. SKYWARN spotters often provide the report that triggers a warning, moving people out of harm's way.

DiCarlo grades Amateur Radio's part in SKYWARN itself "B." It's pretty good, but it could be better. One of the problems he has to deal with: feuding hams who can't seem to get along with their Amateur Radio neighbors. He's not too bothered by the irrelevant reports that infect most SKYWARN NETS ("it's raining hard", "it was raining hard, but now it's stopped...).

Amateur Radio has been helping SKYWARN since the 1970's. In SERA territory, most SKYWARN operations began in the 90's, though the Charlotte, NC, team started in the early 80's.

And SKYWARN is almost everywhere across the southeast, although each operation is independent. There is little coordination between SKYWARN net operations. In part, that's because SKYWARN is decentralized by the NWS.

The weather in each area is different, so each net operates differently. Some nets utilize "storm chasers," while others actively discourage hams from getting out in the weather. The short sight lines and meandering roads in the tree-lined southeast make storm chasing difficult and dangerous. The WCM at each NWS office is free to develop the most effective program possible with area hams.

This decentralization works against hams, though, in that most hams have little knowledge of the SKYWARN operation in the next region. It can be difficult learning the repeater frequencies and procedures in use on other areas. The "National SKYWARN Homepage," www.skywarn.org, provides links to local net operations, but the local pages vary considerably in quality. This report has almost nothing on Kentucky because there is little available on the web, and e-mails to officials listed went unanswered.

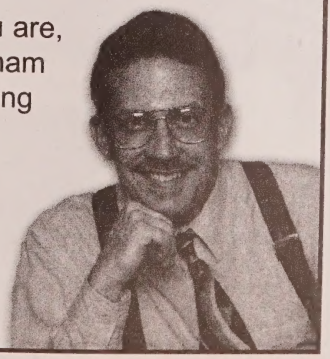
One fairly common element of SKYWARN nets is ARRL/ARES affiliation. Most of the nets in the southeast operate as ARES nets, although a few are independent (some adamantly so). The ARRL and NWS have signed a memorandum of understanding making the ARRL field

Elmer \elm-er\ n : A traditional term for someone who enjoys helping newcomers get started in ham radio on a one-to-one basis.

Bill Newsome, AC4ZR, is an elmer in the truest sense of the word. He has been a friend since grade school, a wonderful instructor and teacher, as close to a brother as I could have.

Bill, I wanted everyone to know what a great friend you are, and thank you for always being there, getting me into ham radio, being my sounding board, and always encouraging me.

Your friend,
Jeff, KG4PNC



Bill Newsome, AC4ZR

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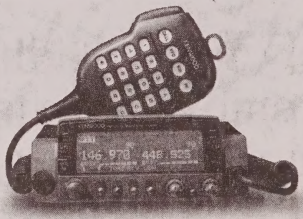
2 meters & 440 MHz



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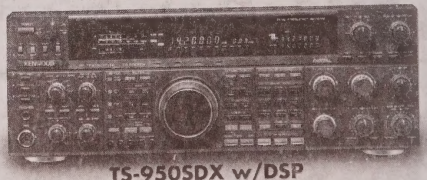

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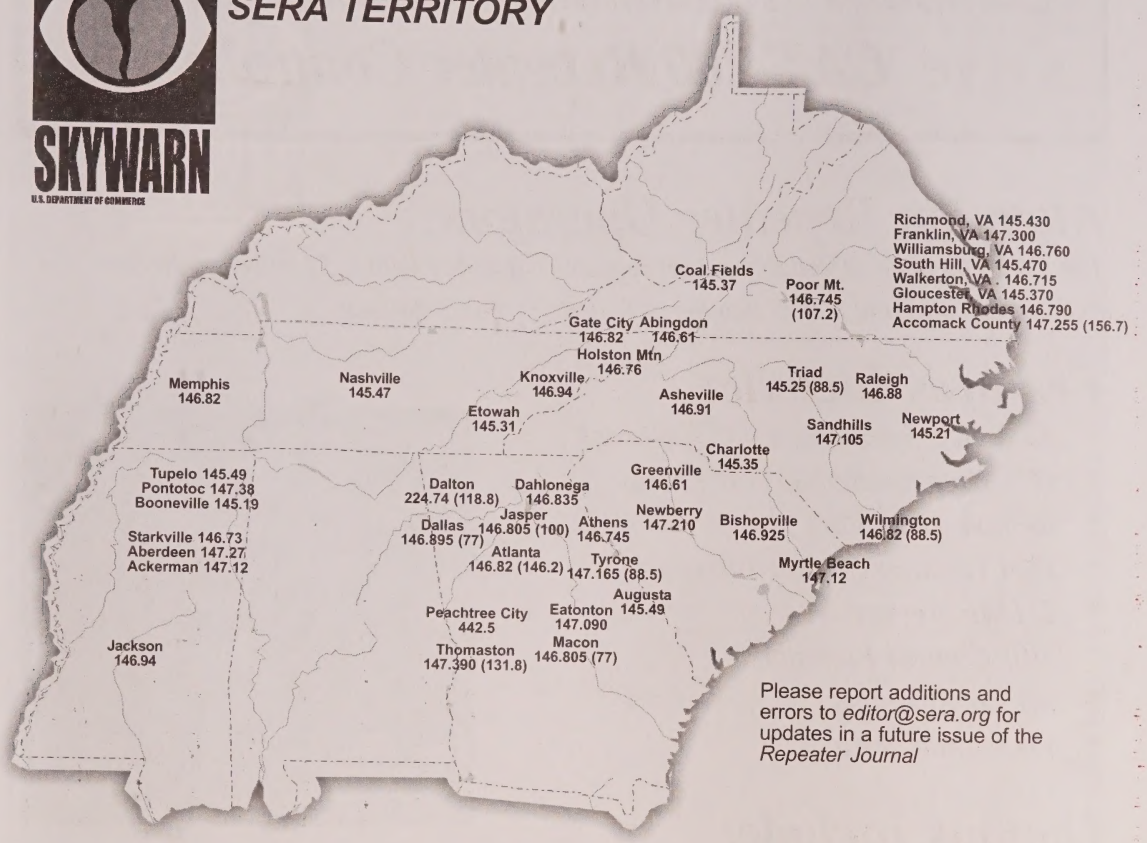
REPEATERS IN SERA TERRITORY

SKYWARN
U.S. DEPARTMENT OF COMMERCE



Please report additions and errors to *editor@sera.org* for updates in a future issue of the *Repeater Journal*

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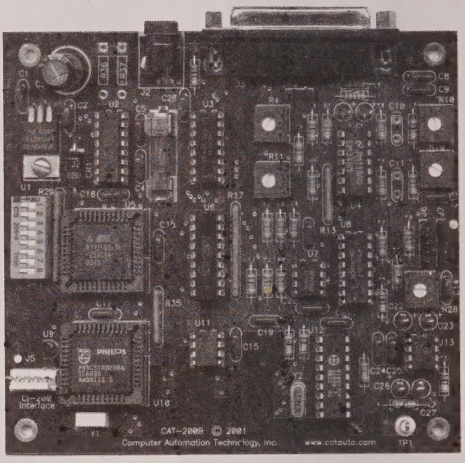

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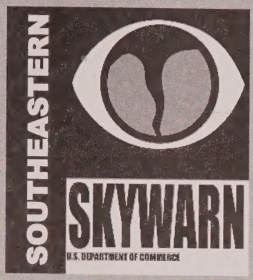

North Central Mississippi SKYWARN

15 Counties surrounding Starkville

Web Page: www.msstate.edu/~bmm2
Contact: Brian McCann KC5WTR
e-mail: bmccann@ext.msstate.edu
Repeaters:

Starkville	146.73
Aberdeen	147.27
Ackerman	147.12

NWS Office Served:
Jackson, MS; Memphis, TN
Regular Net: None

NE Mississippi SKYWARN

Most of northern Mississippi

Web Page: none
Contact: Jim Miller WA5TEF
e-mail: wa5tef@starband.net
Repeaters:

Tupelo	145.49
Pontotoc	147.38
Booneville	145.19

NWS Office Served: Memphis, TN
Regular Net: 8 PM Monday on 147.38

Central Mississippi SKYWARN

Counties surrounding Jackson, MS

Web Page:
www.jxnarc.org//skywarn.htm
Contact: Wm. Robert Sekul N5XXX
e-mail: wrsekul@bellsouth.net
Primary Repeater: 146.94 (100.0)
NWS Office Served: Jackson, MS
Regular Net: last Sunday on 146.94

Mid-South SKYWARN

Western TN

Web Page: www.srh.noaa.gov/ftproot/meg/html/skywarn.html
Contact: Jeff Orrock (NWS)
E-Mail: jeff.orrock@noaa.gov
Primary Repeater: 146.82, Memphis
Backup Repeater: 146.85, Memphis
NWS Office Served: Memphis, TN

Davidson Co. SKYWARN Nashville, TN

Web Page: www.skyspot.org
Contact: Kevin Matheny W1KLM
E-Mail: w1klm@arrl.net
Repeater: 145.47, Nashville
NWS Office Served: Nashville, TN

McMinn County SKYWARN - TN

McMinn, Meigs, Monroe, Rhea Counties

Web Page:
www.qsl.net/kf4zhd/skywarn.html
Contact: Scott Duckworth KF4ZHD
e-mail: kf4zhd@arrl.net
Repeater: 145.310, Etowah, TN
NWS Office Served: Morristown, TN
Regular Net: 8:30 Monday

East Tennessee SKYWARN

Knox and surrounding counties

Web Page: none
Contact: Greg Williams K4HSM
e-mail: k4hsm@lock-net.com
Repeater: 146.94, others as needed
NWS Office Served: Morristown, TN
Regular Net: None

CWA SKYWARN - TN & VA

SW tip of VA and NE Tip of TN

Web Page:
member.va-village.com/district8
Contact: Garry Barnette KC4MAI
e-mail: kc4mai@hotmail.com
Repeaters:

Gate City, VA	146.82
Holston Mtn, TN	146.76
Brumley Mt./Abingdon, VA	146.61

NWS Office Served: Morristown, TN
Regular Net: 8:30 Thursday on 146.82

Coal Fields SKYWARN (WV)

Southern tip of WV, sw VA

Web Page: www.wxtech.com
Contact: Edgar McKinney KB8QEU
e-mail: edgar@charter.net
Primary Repeater: 145.37
Backup: 147.36 (123.0)
NWS Offices Served:
Charleston, WV and Blacksburg, VA
Regular Net: none

GEORGIA ARES/SKYWARN

Statewide

Web Page:
www.geocities.com/BourbonStreet/1180
Contact: Edward W. Ferguson
e-mail: edferg@avana.net
Repeaters:

Tyrone	444.675+ (77.0)
Tyrone	147.165+ (88.5)
Peachtree City	442.500+
Atlanta	146.820- (146.2)
Dalton	224.740- (118.8)
Ft.Mountain	224.680- (118.8)
Jasper	146.805+ (100)
Dallas	224.700-
Dallas	146.895+ (77)
Waleska	224.520- (100)
Macon	146.805- (77)
Macon	442.275+ (100)
Macon	443.075+
Thomaston	147.390+ (131.8)
Dahlonega	146.835-
Eatonton	147.090+
Athens	146.745-

NWS Office Served: Atlanta, GA

BLACKSBURG, VA

South central VA, north central NC

Web Page: www.aresva.org/skywarn.htm, and www.va-ares.org/
Contact: Phil Benchoff N3PB
e-mail:
wx4rnk@blacksburg.va. skywarn.org
Repeater: 146.745 (107.2) Poor Mt.
Backup: 146.985
NWS Office Served: Blacksburg, VA

WAKEFIELD, VA

Southeast VA, Northeast NC

Web Page: www.aresva.org/skywarn.htm, and www.va-ares.org/
Contact: Joe Wagner KO4RK
e-mail: ko4rk@amsat.org
Repeaters:

Richmond, VA	145.430
Franklin, VA	147.300
Williamsburg, VA	146.760
South Hill, VA	145.470
Walkerton, VA .	146.715
Gloucester, VA	145.370
Hampton Rhodes	146.790
Accomack County	147.255 (156.7)

NWS Office Served: Wakefield, VA

Triad SKYWARN - NC

Greensboro - Winston-Salem - High Point and surrounding area

Web Page: www.triadskywarn.com
Contact: Bill Boyes KB1G
e-mail: bboyes@triad.rr.com
Primary Repeater: 145.25 (88.5)
Backup: 145.15, 146.76 (88.5)
NWS Office Served: Raleigh, NC
Regular Net: None

CENTRAL CAROLINA SKYWARN - NC

Counties surrounding Raleigh, NC

Web Page: www.ccskywarn.net
Contact: Thomas Babb KF4JKQ
e-mail: tbabb@tbabb-photo.com
Primary Repeater: 146.88
Backup: 145.39 (82.5)
Sandhills SKYWARN (Fayetteville)
147.105 (82.5), 146.91 (100)
NWS Office Served: Raleigh
Regular Net: 9:15 Tuesday on 146.88

Charlotte SKYWARN - NC

16 Counties around Charlotte NC

Web Page: www.cltskywarn.org
Contact: Greg Sellers WB4HRR
e-mail: cltskywarn@qsl.net
Primary Repeater: 145.35, Dallas, NC
Backup: 145.17, Denver, NC
NWS Office Served: Greer, SC
Regular Net: PETN Nightly on 145.35

organization available for SKYWARN.

Spotter training is universal, usually conducted by the NWS. Most offer basic and advanced training. A few nets issue "spotter numbers," but none use them on the air. All nets accept reports from everyone, trained or not, but they find trained hams give better information. Hams who haven't had spotter training tend make more useless reports.

Some hams fail to understand that SKYWARN is not their personal link to request NWS forecast and severe weather information. "I'm heading west and it looks bad ahead. What am I in for?" Some net controls don't mind passing along the current conditions (most broadcast current conditions regularly), but SKYWARN's primary purpose is to send information the other way.

Amateur Radio has a strong presence at most NWS offices, with an operating station that is staffed whenever the weather turns severe. Some control the net from the NWS station, but most net controls are located away from the NWS office, and the ham at the office keeps busy relaying reports to the meteorologists.

SKYWARN also has a high media profile. TV station meteorologists have learned to keep a scanner tuned to the local SKYWARN repeater during severe weather to get a jump on reports from spotters. Northeast Mississippi SKYWARN even has a ham station on the weather set at Channel 9 in Tupelo. Central Carolina SKYWARN based in Raleigh regularly invites TV and NWS meteorologists to participate in their weekly information net.

SKYWARN's profile among hams could be a little higher. Several SKYWARN coordinators noted that they don't get enough participation in nets when the weather is bad. The NWS office requests information from an outlying county, but no hams are on the air to make reports.

Still, the coordinators are unanimous in praising the participation of hams who do take part in SKYWARN. Some noted that more than a few people became hams just to participate in weather spotting and other emergency activity.

Next time the weather turns bad, tune in to your local SKYWARN. You just might be able to supply the information needed to save a life... or just make ham radio a little bit more valuable to your community. ■

PRB-1 Bill Stalls in Tennessee Legislature

by Bob Gault, Tennessee correspondent

A bill adding PRB-1 language in Tennessee state law was introduced in the 2002 General Assembly, but as this issue of the Journal was going to press it appeared a fatal blow had been struck in a House subcommittee.

House Bill 2973 and Senate Bill 3058 were introduced in January by State Representative Chris Newton and State Senator Jeff Miller. The bill went a step beyond the basic concept of PRB-1, adding to that provisions relating antenna heights to population densities. Those key areas raised strong opposition from the Tennessee Municipal League, a lobby for city governments, as subcommittee hearings were scheduled.

Attempts to reach a compromise were attempted. TML's objections centered around provisions for permitted antenna heights, ranging from 200 feet in rural areas to 75 feet in urban settings.

Ordinances establishing screening, placement, aesthetic and health and safety factors are permitted in the bill. Antenna structures erected prior to the bill becoming law are "grandfathered," or exempted, from its provisions.

Support grew across the state. Several amateurs traveled to the capital on more than one occasion to attend subcommittee sessions. The final blow came during a meeting of a subcommittee of the State and Local Government Committee when no one seconded the bill.

We now have until next January to lobby lawmakers and the TML leadership for the 2003 session. In a recent conversation, Senator Miller said he tied the bill to the role amateurs played at Ground Zero, and had hoped for passage this session. Miller said the longer we get from 9/11, the more our chances diminish. Also keep in mind this is a Tennessee election year and many new faces will appear in the halls of state government next year. An update will appear in the Tennessee column of the next *Journal*. ■

National Antenna Consortium Forms to Promote Antenna Rights

A new organization, called the National Antenna Consortium (NAC), has been formed to lobby for uniform antenna regulations nationwide. NAC was founded last October by Fred Baumgartner, a broadcaster and Amateur Radio operator (KG0KI) in Denver, CO. The group held an organizational meeting at the National Association of Broadcasters convention in Las Vegas on April 9, 2002. The meeting was attended by ARRL President Jim Hainey.

Baumgartner notes that while Amateur Radio receives some protection from FCC rule PRB-1, the broadcast and commercial radio and television industries are subject to a "web of State, County, Local, and residential regulations and practices now in place," resulting in "a confusing and litigious atmosphere that adversely affects wireless broadcast, safety, amateur and personal communications."

The NAC's goal is the creation of "uniform antenna regulations" for all spectrum users. But not a one-size-fits-all type of regulation - rather, regulations that cover all spectrum users appropriately based on use and location. Amateur Radio falls under the group's umbrella.

The next steps for the NAC are to recruit members from all spectrum users, obtain backing from industry groups, and write a sample national antenna policy.

The NAC's web page is:
www.nationalantennaconsortium.com

Fred Baumgartner can be reached at KG0KI@arrl.net. ■

West Virginia, Wisconsin, New Mexico Pass PRB-1's

Better news comes from the states of West Virginia, New Mexico and Wisconsin, which all recently adopted PRB-1 style legislation.

The ARRL reported on their web site that West Virginia ARRL Section Manager Hal Turley KC8FS gave credit to "Kanawha County House of Delegates member Sharon Spencer, KC8KVF--an ARRL member from Charleston--for helping to get the law through the legislature."

"Turley said that amateurs from all corners of The Mountain State actively participated in promoting the bill's passage and by contacting their elected representatives in Charleston, the state capital. 'We mobilized, communicated and followed through in this legislative process and were heard S9 in Charleston,' he said. 'And I am certain there are many legislators in our state who now know a lot more about Amateur Radio than they did a month ago.'"

West Virginia Governor Bob Wise's late father was an Amateur Radio operator. ■

EASTERN NC SKYWARN

Beaufort, Carteret, Craven, Dare, Duplin, Greene, Hyde, Jones, Lenoir, Martin, Onslow, Pamlico, Pitt, Tyrrell & Washington

Web Page: home.ec.rr.com/w4ymi/Sky-warnx.html
Contact: Jeff Orrock (NWS)
E-Mail: jeff.orrock@noaa.gov
Repeater: 145.21 Trenton
NWS Office Served: Newport, NC

WILMINGTON SKYWARN - NC

14 counties in southeast NC and northeast SC

Web Page: none
Contact: Rick Tharrington KD4JRX, EC,
Glenn M. Cox KE4MBY, assistant EC
e-mail: ke4bmy@hotmail.com
Primary Repeater: 146.82 (88.5)
NWS Office Served: Wilmington, NC
Regular Net: none

Midlands SKYWARN - SC

23 counties in centeral and western SC and eastern GA

Web Page: www.kf4ghc.org/scskywarn/scskywarn.htm
Repeaters:

Augusta, GA	145.49
Newberry, SC	147.210
Bishopville, SC	146.925

NWS Office Served: Columbia, SC

Greater Horry County SKYWARN - SC

Horry County and Northern Georgetown Co., SC (Myrtle Beach area)

Web Page: www.w4gs.org/ARES/skywarn.htm
Contact: Rick Summerford KF4VGV
e-mail: kf4vgv@hotmail.com
Primary Repeater: 147.12
Backup: 145.11
NWS Office Served: Wilmington, NC
Regular Net: none

Greenville/Spartenburg ARES/SKYWARN - SC

Counties surrounding Greenville/Spartenburg, in SC, sw NC, ne GA

Web Page: no
Contact: Sue Chism N4ENX
e-mail: n4enx@arrl.net
Repeaters:

Greenville, SC	146.61
Ashville, NC	146.91

NWS Office Served: Greer, SC
Regular Net: no ■

The State of Packet - 2002?

In the mid 90's, VHF Packet Radio was booming. There were bulletin board systems (BBSs) within range of nearly everyone, and they were flooded with bulletins and e-mail (p-mail?). All that mail was distributed though a node system that provided fairly rapid, reliable connections across the region, country, and much of the world, all via Amateur Radio.

Then... the internet got exploded, and Packet Radio died, unable to compete with the slick graphics and increasing speed of user connections.

But it didn't die completely. Much of that old system is still around, maintained by hams who haven't given up yet. APRS has brought about a renaissance in Packet use.

The *Repeater Journal* wants to learn the state of the Packet network today for a feature article later this year. If you are involved in, or even just very aware of the your local packet scene (BBS, SEDAN, APRS, DX Cluster), please e-mail (that's internet e-mail) Paul Bohne AG4OO at **PBOHNE@email.usps.gov** to be part of our survey. And stay tuned! ■

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SERA Revises 900 MHz Band Plan, 10 Meter CTCSS Plan

900 Band Gets New Channels

The SERA Board of Directors has adopted a revised Frequency Utilization Plan for the Amateur 900 MHz band. The new band plan adds 20 repeaters pairs with 25 MHz offsets to the existing 29 pairs with 12 MHz offsets. New simplex and duplex link frequencies were also added to the plan.

The inset box shows the new repeater pairs. The link frequencies can be found on the SERA web site.

The addition, proposed by North Carolina Assistant Director Frank Lynch W4FAL, was made to accommodate some popular radio models available on the commercial market. These programmable radios were designed for offsets of about 25 MHz, and could not be programmed for 12 MHz offsets.

Reprogrammed commercial radios are one of the few options for Amateurs who want to operate in the 900 MHz band. There are no radios made specifically for the Amateur service on that band.

10 Meter Band Gets New Tones

The Board also voted to add two more CTCSS tones for each call district to the ten meter tone plan, giving each district a total of four. This change was also proposed by Frank Lynch W4FAL.

The ten meter band poses some unique challenges to coordination. There are only four repeater pairs, 29.62, 29.64, 29.66 and 29.68, for use worldwide. And the band is subject to worldwide propagation, which means that repeaters that are thousands of miles apart can interfere with each other.

If all repeaters are carrier access, when the band is open a ham keying up on one of the channels will inevitably bring up several repeaters across the country and perhaps overseas. Making repeaters tone access will reduce the chance of keying up multiple repeaters. And limiting the number of tones in use makes it easier for users to find the tone needed for a particular repeater.

But the ARRL plan with just two tones per call district was too limited. Several local co-channel repeaters couldn't be protected from each other with just two tones.

One problem with any tone plan on ten meters is that some repeater owners are reluctant to require CTCSS. There are still a lot of radios in use that have no provision for tone, or permit only one tone with no easy user access to change the tone. That means that when the band is open, you're probably going to be battling hetrodynes and interference from multiple repeaters. Completing a satisfactory contact will be a matter of chance until the tone plan is more fully implemented. ■

Additional 900 MHz Repeater Pairs

	RPT RX	RPT TX
Repeater pair 1	902.4875	927.4875
Repeater pair 2	902.5000	927.5000
Repeater pair 3	902.5125	927.5125
Repeater pair 4	902.5250	927.5250
Repeater pair 5	902.5375	927.5375
Repeater pair 6	902.5500	927.5500
Repeater pair 7	902.5625	927.5625
Repeater pair 8	902.5750	927.5750
Repeater pair 9	902.5875	927.5875
Repeater pair 10	902.6000	927.6000
Repeater pair 11	902.6125	927.6125
Repeater pair 12	902.6250	927.6250
Repeater pair 13	902.6375	927.6375
Repeater pair 14	902.6500	927.6500
Repeater pair 15	902.6625	927.6625
Repeater pair 16	902.6750	927.6750
Repeater pair 17	902.6875	927.6875
Repeater pair 18	902.7000	927.7000
Repeater pair 19	902.7125	927.7125
Repeater pair 20	902.7250	927.7250

SERA 10 Meter CTCSS PLAN

Region	*ARRL Tones*		*Additional SERA Tones*	
W4	146.2	100.0	82.5	186.2
W5	151.4	103.5	85.4	192.8
W8	167.9	114.8	77.0	203.5

CQ VHF Returns as Quarterly

CQ VHF magazine goes back into publication as a quarterly, with its first issue on the street as you read this. Editor Joe Lynch says the magazine will have a somewhat more technical focus than its predecessor. It will also be more expensive per issue - about $25 for four issues. That reflects the difficult advertising climate for ham radio. The publisher feels that hams will be willing to pick up more of the cost, because interest in the magazine was high and many hams registered their disappointment when publication was suspended in 1999.

NOT *"FM MAGAZINE"*

Although the original *CQ VHF* began life shortly after the boom in ham licensing created by the no-code Tech, and was focused to a great extent on new hams, it was never an exclusively FM oriented magazine. That will be even more true of the new incarnation. According to a mailing from Dick Ross K2MGA, publisher for both *CQ* and *CQ VHF*, "One of the mission changes is that *CQ VHF* will no longer try to cater to the newly-licensed VHF Ham." It will contain an FM/Repeater column, though (*Repeater Journal* Editor Gary Pearce KN4AQ has been named *CQ VHF* FM/Repeater columnist).

The reason for this change is that new hams who only operate FM never became a "market" for magazines and organizations like *CQ VHF* and the ARRL. *QST* Editor Steve Ford WB8IMY told the *Repeater Journal* "Our research has shown that while FM users comprise a very large portion of the amateur community, the majority tend to preceive their FM activity more as a 'utility' function rather than a hobby." *QST* dropped it's FM/Repeater column several years ago due to low popularity in reader polls.

Ford also noted that FM operation tends to be local or regional, and FM users aren't interested in what other FM users are doing nationally.

Bill Paternak WA6ITF, who writes the FM/Repeater column for *WorldRadio*, disagrees. He says that he sees lots of interest from hams whose primary Amateur activity is FM. He says that the interest level depends on how the writer approaches the subject, and how well he is attuned to his readership. (By the way, the *Repeater Journal* neglected to mention Bill's longstanding column in *WorldRadio*, and before that in *73 Magazine*, in the February editorial that claimed that the *Repeater Journal* was the only surviving magazine or column with long tenure dedicated to FM. Sorry, Bill!)

Bill's enthusiasm notwithstanding, SERA and the *Repeater Journal* have not penetrated the huge FM market as well as one might think, either. The *Journal* does well with repeater owners, but associate membership could easily be much higher.

It's not surprising, then, that *CQ VHF* plans to stake its future on the core of VHF enthusiasts. *We wish them well!*

Virginia Ham(s) Retire, Close Business

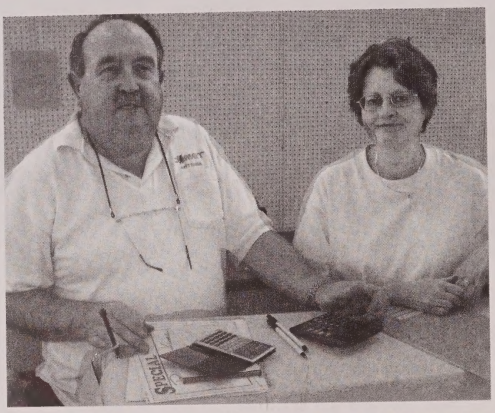
Bob Cecil WB3S

I was one of the "blessed country boys" because I always knew the career I wanted to pursue, even when I was only 6 to 7 years old - Radio & Electronics!

After more than 40 years in electronic communications and being employed by the Radford Army Ammunition Plant, the Virginia State Police, the Virginia Community College System and my very own business with Virginia Ham Radio Supply, Inc., I am finally retiring (for the third time).

My wife, Arlene, retired in December of 2000, after more than 35 years service to The Radford Army Ammunition Plant. Radford Arsenal is owned by the U.S. Army, and over the years it has been operated by two contractors, Hercules, Inc. and Aliant Tech Systems.

In January of 1992, Radford Army Ammunition Plant's big RIF finally came around to the white-collar/salary workers, and they laid off approximately 90% of the Electrical Engineering staff.



The Virginia Ham(s), Bob and Arlene Cecil, are heading off into retirement while they're still young enough to enjoy it! Good Luck, and don't forget to write!

At first, I was a little shocked about not having a job, after 31 years of continuous employment and being 51 years young. I soon realized that this was a "blessing in disguise," which allowed me to fulfill a life-long dream - start my own ham radio business and be my own boss!

With a few thousand dollars of severance pay and much support from my wife, Arlene, Virginia Ham Radio Supply, Inc. was born.

Arlene and I would like to thank all the local hams for supporting our store and all hamfest attendees for purchasing many of our products over the past 10 years. We officially closed our business on December 31, 2001.

The good news is that we will be setting up at more hamfests in 2002 than ever before. Look for us in the flea market areas and find some great buys, as we liquidate our remaining inventory.

Virginia Ham Radio Supply has averaged approximately 25 to 30 hamfests per year for the past 10 years. In our travels, we have served the hams in the states of Virginia, Maryland, West Virginia, North Carolina, South Carolina, Kentucky and Tennessee. And, thanks to the internet, e-mail and mail order technologies, we have supplied many products to our amateur radio friends in several foreign countries.

Our main reason for closing VHRS is due to our excellent health!

I am 60 years young, and Arlene is "29 years young and holding." At first, this may sound crazy! But, we have decided to enjoy the fruits of our labor, while we have our health. We have sadly witnessed so many of our friends wait too long. Try to enjoy each second of life. Life is too short, and there is no present technology that can reverse the clock.

Arlene and I are "Part-Time RV'ers," and our future plans include a lot of traveling and seeing the sights. We plan to tour most of Alaska, Canada, the USA and any other place that has RV Campgrounds and interconnecting highways. We belong to the local and national Good Sam RV Clubs and we will be attending many of the "Samborees."

I am installing a Yaesu FT-100D HF Mobile transceiver, 160-Meters through 70-Cm, along with the ATAS-100, Automatic Tuning HF Antenna System. I hope to work many of our friends on HF, from Alaska or some other exotic RV camp site.

Best Regards,

Bob Cecil WB3S

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Sam Hall K4AME (left), High Point ARC President, presents honorary membership to Monroe Kennedy WB4VKK, for his lifetime committment to the club and Ham Radio. Monroe was insturmental in purchasing the club's first repeater, and, as an instructor at area technical schools, introduced hundreds of students to Amateur Radio.

Photo by David Montgomery WD4MKS

Ed Cravey KF4HPY (left) receives certificate from ARRL's Brennan Price N4QH for Emergency Communications at the World Trade Center. The presentation was made at the Lawrenceville Hamfest.

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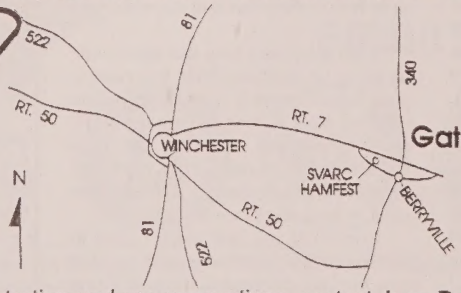

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Atlanta Ham Lost in the Woods!

A Hunting I Went - an APRS Story (Part Two)

David P. Schornak KG4LSK

*This story is reprinted from the **Atlanta Ham***

Last issue, we left our intrepid hunter deep in the woods. David had been sending messages home via APRS, linking his Kenwood D7 handheld through a D700 mobile digipeater. But on this fateful day, he left the D700 off because he was in a hurry. He sent his status report from the HT, turned the radio off, hunted all day, returned to camp, ate dinner and went to bed.....

The time is 10:00 pm I am sound asleep, when suddenly, "Bang bang bang, David you in there David?"

"Huh what?"

"Wake up David, the Upson county sheriff is here!"

"Sheriff? What the s***,"

"Wake up David, the sheriff is looking for you, says someone in Marietta called and you are still out in the woods,"

I sent a message. Guess I need to make a phone call.

Then follows a pleasant discussion with the sheriff about who I am and id's being checked the sheriff leaves.

What happened next was that I turned on my Yaesu FT-817, changed to the Thomaston repeater and started calling for someone to make a phone patch for me. A nice ham in Thomaston came back and dialed the number for me. Through him I got the message across that I was fine and that I was staying on till Thursday, and that I was not alone in camp. I thanked the ham and we signed. Then I turned my FT-817 over to an FM station and rolled over and tried to figure out what went wrong.

The next morning I went to the woods and, as I was sitting in my stand, I checked over all the equipment realizing that I had failed to turn on the D-700 again that morning. I sat in the stand and sent more messages to KG4LSK-10 (my home QTH). Well, I never got an ack back.*

When I got back to camp I turned the D-700 on and sent a message to my home QTH. It worked. I got an ack back from my home station. Thursday I went home and did laundry and checked on my home station, reset it, and made sure all was fine here in Alpharetta. Friday morning, I went back to the woods because that Saturday was the hunting club picnic for family and friends.

At the picnic, I would now find out how far and how close I was to really getting some people upset with me.

As it turns out, my friend called Ken Davis, one of the members in the hunting club, and the only contact she had for the hunting club. This is where the chain reaction began. At 9:30 pm the phones started ringing off the wall, for all the hunting club members and trucks and ATV's started getting loaded up as the club started to mobilize to come down and find and get me out of the woods.

Fuzzy (Ray Roper) got on his computer and checked findu.com for my position. It worked and showed me sitting in the woods in my deer stand and that I had been there for 12 hours.

Fuzzy called the Upson county sheriff and gave them the exact directions to the camp and my lat and lon out in the woods. I found out, after the sheriff left my campsite that he called Fuzzy and told him that I was all right and that I was back in camp and asleep, so Fuzzy started the chain calling off the mobilization.

My friend had also called Ken Davis, who also started calling off the mobilization. The next morning my friend checked my computer system and the message had arrived. Don't ask me why it took so long to get through but it did get through.

The hunting club was happy that the system worked as well as it did. They were alright about the fact the message took so long to get home. I was happy to see that the system would have worked, had I really needed help. A few of the club members are interested in the A.P.R.S. system and have all the information now as to how to keep track of me when I go hunting.

What did I learn from this adventure? An awful lot, such as; when you make a plan, follow it even if it takes more time than you want to spend. Turn the D-700 on every morning before leaving camp and always fire up the A.P.R.S. tracker in camp to make sure that my position every night at least shows me being in camp.

I can't tell you how much I tried to thank everyone from the guys in the club who had actually loaded there ATV's on the trailers, to the sheriff and my friend who made the first call. It could have not ended up as it did, but I am glad that it did. Still have not figured out why, but I figure that some mysteries are better left alone. And just stick with the system that works. ■

* If *you're* still wondering what went wrong, here's the problem: When you use APRS to send a message to another station, that station will automatically send an "ack" (acknowledgement) back to you if they received the message OK. Evidently, David's handheld didn't have enough oomph to reach the area digipeater by itself without the help of his higher power mobile digipeater. David wasn't getting the "ack" from the messages he sent using just the handheld. But he didn't pay attention to that!

All's well that ends well. We're just glad to have our Atlanta ham back from the woods.

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New Linked Repeater System in Tennessee

by Bob Gault, Tennessee correspondent

Imagine talking from Knoxville, Tennessee to Cleveland, Ohio on a hand-held two meter radio! An HT's five watt signal would need to cross part of Tennessee, all of Kentucky and all of Ohio.

Sound impossible? The FARA two meter linked repeater system covering Ohio, Indiana, Kentucky and small parts of several border states makes it possible to work VHF stations that far away. The Fairfield (Ohio) Amateur Radio Association made the final connection in January with a Knoxville repeater.

The Tennessee link on 145.43 is sponsored by Paul T. Baird K3PB of Lenoir City, and the Kerbella Amateur Radio Club. It covers a large area of East Tennessee including the nearby resort communities of Gatlinburg and Pigeon Forge. The link, completed ahead of schedule on January 15th, connects to FARA's existing system in Kentucky.

A link atop Pine Mountain near Jellico Tennessee plays a key role in getting the signal across the highest peaks of the Cumberland Plateau. The Knoxville connection links directly to Pine Mountain - Pine Mountain links to Halls Gap Kentucky - Halls Gap to Georgetown Kentucky - Georgetown to Morgan Kentucky and Morgan to Cincinnati Ohio. Audio and keying commands are passed in both directions.

FARA was started 15 years ago by a group of amateurs in southern Ohio. Today their database lists more than 1,700 names and is growing.. Repeaters are supported entirely by volunteer contributions, off-setting monthly expenses of approximately $1,800 for things such as insurance, telephone circuits, tower rentals and electricity. And of course those who believe in the system have contributed personal funds to buy equipment and keep it operating. With a commitment of that magnitude, FARA's members believe in linking repeaters for the betterment of amateur radio communications.

Bill Ake Jr. W8PRH tells us the equipment is 80 percent GE and 20 percent Motorola. It is former commercial gear they've acquired from various sources that has been modified for amateur use. The system originates from a 900 foot tower in Cincinnati.

Users are asked to keep good amateur practice in mind when utilizing the system. When you key the link in Knoxville, for example, you are heard throughout the FARA area. They ask you keep QSO's to a minimum, keeping in mind you are transmitting over several repeaters. . All repeaters are open for licensed amateurs with exception of Cincinnati's 145.19 repeater, which is tone accessed and financial support is requested to obtain user codes.

FARA could own one of the largest systems operating on amateur frequencies using a voter system connecting 41 remote receivers to one high profile transmit site, and 10 additional transmitters. Figuring it all out must have been a nightmare!

As for the future, Bill says there are no definite plans but they are always open to repeater owners who want to add new links to the system at their expense. They are in the process of converting over to GE Mastr II solid state equipment as time and equipment becomes available.

If you want more specifics on FARA, check out their web site at www.farasys.org, or write to P.O. Box 40473, Cincinnati, Ohio 45240-0473. ■

"Narrow" FM Mode May Cause Operating Trouble

Maybe you can't be too rich or too thin, but you can be too narrow.

Some of the new crop of radios sold today include a function called "Narrow FM," like the Kenwood TH-F6 pictured here. Old timers, including one ham who's name we won't mention but who's callsign is K4HM, assumed this meant the same as the "narrow-band FM" we've been using since the early 70's, so he chose that setting. But it's not. It's something new, and if you're radio is using that setting, the result is low, muddy sounding transmit audio. Some new radios are set to "narrow" from the factory! The Yaesu FT-1500M stores the setting in memory, channel-by-channel.

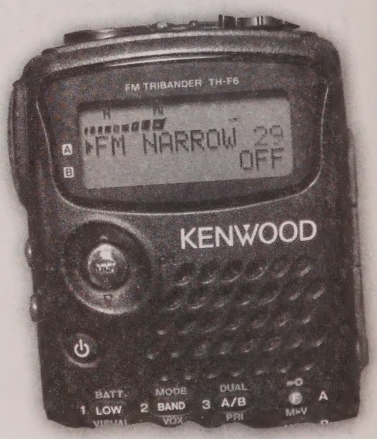
How It Used To Be

The term "narrow-band FM" used to refer to FM with 5 kHz deviation. That's what we commonly use in Amateur Radio FM. That is "narrow" compared with the "wide-band FM" that preceded it, using 15 kHz deviation. In fact, the Amateur Radio FM boom of the early 70's was a direct result of a lot of commercial FM equipment being surplused when the FCC required business and public service radio to change from wide to narrow-band FM to allow for more channels in the crowded commercial bands. And while hams initially got on the air with old, wide-band equipment, we switched to the new narrow-band FM fairly quickly when our own bands began filling up.

How It Is Now

Most hams have not heard about it, but history is repeating itself (actually for the third time) as the deviation standard is being cut again, from 5 kHz to 2.5 kHz, for the same old reason - to squeeze more channels in the available spectrum. New commercial bands have already adopted the narrow mode (like the FRS radios that are becoming extremely popular). Eventually, all commercial and public-service users will have to adopt the new standard. Hams probably will, too.

In addition to lower deviation, the standard calls for a maximum audio frequency of 3 kHz, and channels will be 6.25 kHz wide. If you listen to a radio set for the new narrow standard on an "old" receiver designed for 5 kHz FM (now called "wide FM"), the audio will sound low, and a bit muddy due to the more severe 3 kHz upper limit.



Amateur FM already suffers from an epidemic of low audio (and some high audio), and few radios offer a mic gain adjustment. But if everyone's complaining that you're audio is low, check your manual. You might just find out that you're "narrow" instead. ■

VIRGINIA BEACH HAMFEST

And Electronics Flea Market

SEPTEMBER 8, 2002

ARRL Roanoke Division Convention

Virginia Beach Pavilion, Virginia Beach, Virginia
MAJOR AMATEUR RADIO DEALERS & MANUFACTURERS
FIELD CHECKING FOR ARRL & CQ DX AWARDS - AMATEUR RADIO FORUMS
FREE PARKING - TALK IN ON 146.970 REPEATER
SHOW HOURS 8:00 AM TO 3:00PM

TIDEWATER RADIO CONVENTIONS, INC.
Donates thousands of dollars yearly to Amateur Radio Operators for Scholarships and projects.

Please visit our Web Page at WWW.VAHAMFEST.COM
For more Virginia Beach Hamfest Information

COMMERCIAL BOOTHS
Lewis Steingold, W4BLO
1008 Crabbers Cove Lane
Virginia Beach,VA 23452
FAX (757) 486-0757

Please E-Mail with inquiries at our Web Page or to HAMFEST @ EXIS.NET

TICKETS & TABLES
Lynn Lilla, W9DJQ
848 Stacey Place
Virginia Beach,VA 23464

Name _____ Telephone _____ Fax _____

Business Name/Call Sign _____

Street Address _____

City _____ State _____ Zip _____

_____ Advance tickets and tickets at the door. $6.00..... _____
Children under 12 free.
_____ Commercial 10' x 10' Booth $100.00 per booth ..... _____
_____ Commercial 8' Tables $30.00 ..... _____
_____ Outdoor Tailgate (ADVANCE REGISTRATION RECOMMENDED)..... $20.00 _____
S.A.S.E. Required - Make Checks & Money Orders Payable to " TRCI " TOTAL _____

ELECTRICAL OUTLETS MY BE PURCHASED SEPT 8 , AT $40.00 EACH.

DEALER LOAD-IN SATURDAY - 12: noon until 9:00PM IN SECTION B

Due to Sec A not available for loading until Sunday morning, load-in on Saturday will be on a first reserved, first served basis. If you desire to arrive for load-in on Saturday, early registration is highly recommended.

DEALER LOAD-IN FOR SECTION A & B SUNDAY MORNING 6:AM

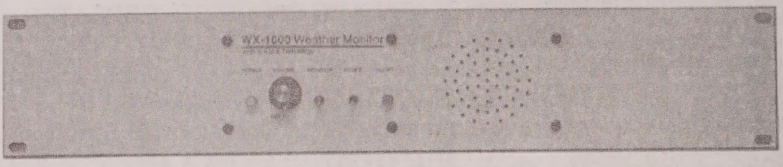
TICKETS ARE REQUIRED when renting Commercial Tables and Tailgate Spaces.
Local ordinances and Hamfest policy do not permit firearms or pornographic material to be displayed or sold at the show. Thank you for adhering to this policy.

Computer Automation Technology Inc.
WX-1000 Digital Weather Receiver

The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. With so many unsettling weather conditions, don't you think its time to provide timely weather alerts for your repeater group?

Specific Area Message Decoder

A digital decoder responds to Specific Area Message Encoded (SAME) alerts transmitted by the NOAA weather station located in your area. Select your county code and the type of alert. Select warnings and or watches.



Voice Synthesizer Alert Message

Imbedded in the alert information packet is the time the warning or watch is in effect. The voice synthesizer will periodically key-up the repeater transmitter and announce the nature of the alert. "Severe Thunderstorm Watch" "Tornado Warning" "Winter Storm Warning" "Flash Flood Watch" "Hazard Material Warning" "Avalanche Watch" "Law Enforcement Warning" and "Civil Danger Watch" are just a few of the voice synthesizer announcements.

Alert Message Transmit Timing

At the conclusion of an alert, a termination packet turns the transmitter off.

Repeater Interface

The WX-1000 has been designed to easily interface to your repeater. A minimum of four connections is all that is required.

Weather Enable Input

Ground this input to provide weather reports on demand.

Weather Alert Log

The WX-1000 stores the date, time and type of alert in memory. Use the RS-232 port and the configuration program to down load the log.

Alert Start Logic Output

This output provides a TTL logic high when a weather alert is received. It can be used to set off an external alarm or trigger the controller to execute a macro or load a memory save.

Alert Stop Logic Output

Included in the digital packet is the length of the alert. The WX-1000 generates a stop logic output when the time period has expired. Use this output to reload a normal memory save.

Weather Disable Input

Ground this input to prevent future alerts once a sky warn net is activated.

Weather Data Output

The WX-1000 provides a raw data output to an alphanumeric pager or a computer based alarm system.

Ordering Information

WX-1000 *Digital Weather Receiver, With Windows Configuration Program:* ***$399.00.***

Computer Automation Technology Inc.
4631 N.W. 31st Avenue, Suite 142, Fort Lauderdale, Florida 33309
Phone: (954) 978-6171 - Fax: (561) 488-2894
Internet: http://www.catauto.com

Lanierland Amateur Radio Club

Hamfest / Computer Expo 2002

Gainesville, Georgia

Georgia State ARRL Convention

Saturday, July 13th, 2002

8:00 am until 3:00 pm

Georgia Mountains Center

Downtown at the Corner of Jesse Jewell and Main St.
Gainesville, Georgia

LARC
PO Box 2182
Gainesville, Ga. 30503

- ⇒ Brennan Price, N4QX, Guest Speaker
- ⇒ Air Conditioned !!!
- ⇒ 300 Indoor Tables
- ⇒ Free Parking
- ⇒ Door Prizes
- ⇒ VE Testing by WCARS 12:00 noon
- ⇒ Rooms Available for Meetings and Forums
- ⇒ Covered Tailgating (don't worry about the rain or the hot sun)

Set-up 12 noon 'til 8pm on Friday, July 12
6:00am – 8:00am on Saturday, July 13

Inside Tables	$15.00 each (Electricity, Telephone, and Admission are extra)
Admission	$6.00 at the door, $5.00 in advance (must be received prior to June 15)
Tailgating	$10.00 per marked spot (Admission is extra (Up to 2 at $5.00))

Talk-In will be on 146.67 (-) Mhz W4ABP Repeater

Best Western Lanier Centre is the official Hamfest Hotel. Located 1 block from the Mountain Center. Special rates are available at $45.00 per night. Just give them your call sign and tell them you are visiting the Hamfest.
400 E.E. Butler Parkway, Gainesville, Georgia, United States, 30501
Call Toll Free 1-800-782-8966 or 770-531-0907 for hotel reservations

Visit us on the internet at: www.lanierlandarc.org/hamfest.htm

For More Information Contact:

Terry Jones, W4TL
770-967-6364
E-mail w4tl@arrl.net

John Vaughn, WA4ZQP
770-887-2548
E-mail wa4zqp@arrl.net

Ken Parrish, KN4UO
770-867-9833
E-mail kn4uo@arrl.net

Plane Destroys Tower, Amateur Repeater

A light aircraft hit and destroyed a 1749-foot tower near the small town of Broadway, North Carolina, on March 14th. The tower collapsed moments after it was hit, and the pilot was killed immediately. No one was on the ground in the rural, wooded area.

The tower was home to a television transmitter (WKFT, Channel 40, serving Fayetteville NC), many commercial two-way and paging transmitters, a Civil Air Patrol repeater, and the Piedmont Coastal Repeater Network's 147.105 "Broadway" Repeater. PCRN is run by SERA's North Carolina Director, Danny Hampton K4ITL.

This is the cabinet that held the CAP repeater at the 1600-foot level of the Broadway tower. Look carefully and you can see the heat-sink fins in the middle of the cabinet.

Photos by Captain Joseph Morris

The aircraft that hit the tower was a Piper PA32R-300, and was carrying mail for a regional bank. The sky was clear but hazy, with a low afternoon sun at the time of the impact, and witnesses reported that the plane was flying into the sun.

Technical crews from the CAP and PCRN recovered what they could, but much of the equipment was destroyed by the impact with the ground and pieces of the tower structure.

The base of the tower and transmitter building are in the background. Note the gash torn in the wall of the concrete block building.

Hampton quickly built a 147.105 replacement repeater and put it on the air temporarily from a tower near Raleigh.

In 1989, two 2000 foot towers fell near Raleigh following an ice storm. The PCRN's 146.88 repeater was destroyed in that accident, and the Broadway tower provided a backup.

6th Annual

Catawba Valley Hamfest and Computer Fair

Burke County Fair Grounds
Morganton, North Carolina
Saturday
April 19th, 2003

To all of our attendees, thanks for making our 2002 Hamfest a big success! We hope to see all of you again next year. Remember to bring all of your friends!

A special thanks to the following dealers (visit our web page for their web page links):
Alabama Radio, Rad-Comm Radio, Virginia Ham Radio Supply, C T Morgan and Associates, AC / DC Electronics, CFM Communications, Tarheel Antenna, IDC Technology, Custom Audio and Video, Electronics Depot (Radio Shack Dealer), Hamstick (Lakeview Company), Signman of Baton Rouge, Rosewood, PC Wizardry, David Jones, Ron Wilson, IRI Amateur Electronics, Wireman, West Mountain Radio, Vortex Batteries, Joe Willis, Charles Wadell, Mac Computers, Blue Dunn, Norris Price, Doug Hall, Wolfenbarger, Frank Leberstein, A1 Rechargeables, PCADD

Web Page: http://cvhamfest.linuxham.org

THE SERA OFFICIAL REPEATER INDEX

REPEATER LISTINGS FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

IMPORTANT NOTICE: The SERA ***Repeater Journal*** is Copyright 2002 by the South-Eastern Repeater Association, Inc., the officially recognized Amateur Coordinating Organization for Kentucky, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia.

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA ***Repeater Journal*** repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by The SERA.

Some repeater owners or sponsors allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. Our index codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission and asked that we publish them . Access tones are listed for the reader's convenience both in the By-State, and the By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Owners should notify SERA when on the air.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. All SERA services are FREE. It is very important that the annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA.

SERA RECOMMENDED FM VOICE SIMPLEX

10 Meters:	29.600#						
6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	145.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
222 MHz	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA RECOMMENDED DIGITAL SIMPLEX CHANNELS

2 Meters:	144.390#	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530	145.550
	145.570	145.590	145.610	145.630	145.650	145.670	145.690
	145.710	145.730	145.750	145.770	145.790		
222 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780
	Hi Speed Digital Chan. -		222.350 to 222.450 (222.400 Center) - (100 KHz wide)				
	Hi Speed Digital Chan. -		223.800 to 223.900 (223.850 Center) - (100 KHz wide)				
440 MHz	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441.1125	441.1375	441.1500	441.1625	441.1750	

NOTE: Digital operators are reminded to check with their local Digital organizations as to which channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage. #144.39 Generally Accepted APRS channel

SERA JOURNAL REPEATER LISTINGS BY STATE - BY CITY

Listings Correct as of April 13, 2002

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

GEORGIA

10 METERS

CONYERS	AI8H	29.680	-		
DALTON	N4BZJ	29.680	-		☺
#MACON	KF4XH	29.620	-	UNCOR	
MONROE	KQ4XL	29.620	-		
VALDOSTA	KB0Y	29.680	+	T141.3	
WARNER ROBINS	WR4MG	29.660	-		

6 METERS

ATL/MARIETTA	KD4DKW	53.090	-	T151.4	☺
ATLANTA	KA5WZY	53.150	-		☺
AUGUSTA	W4WTA	53.030	-		☺
BISKEY MT.	KC4JNN	53.050	-	T100.0	☺
BOLINGBROKE	KR4OL	53.430	-		
CARTERSVILLE	WB4AEG	53.070	-	T123.0	☺
COCHRAN	W3LAP	53.010	-	PROP	
#CONYERS	WB4JEH	51.550	+	UNCOR	☺
CONYERS	WB4JEH	53.550	-	T151.4	☺
CRAWFORD	KD4FVI	53.330	-	T88.5	
#CUMMING	WA4YNZ	51.700	-	UNCOR	☺
DALTON	N4BZJ	53.130	-		☺
DECATUR	KA4UFM	53.390	-	T	☺
HIAWASSEE	KC4CBQ	53.270	-	186.2	☺
IVEY/MACON	K4YC	53.730	-	T88.5	
KINGSLAND	KC5BMJ	51.940	-	T82.5	☺
LAKE PARK	KB0Y	53.890	-	T141.3	
LAWRENCEVILLE	W4GR	53.110	-	82.5	☺
LULA	WB4HJG	53.890	-	T82.5	☺
#MACON	KF4XH	53.390	-	UNCOR	
MARIETTA	N1KDO	53.210	-	T79.7	☺
MARIETTA	KF4BMG	53.250	-	T79.7	
#PINE LOG MT	KD4APP	53.450	-	UNCOR	
#PINE LOG MT.	K4PLM	53.290	-	UNCOR	☺
#ROSWELL	WA4YNZ	53.010	-	UNCOR	☺
WARNER ROBINS	WR4MG	53.790	-		
WATKINSVILLE	KD4AOZ	53.570	-	T123.0	☺

2 METERS

ADAIRSVILLE	K4NGA	146.685	-		☺
#ALBANY	W4MM	146.700	-	UNCOR	☺
ALBANY	W4MM	146.730	-		☺
ALBANY	W4MM	146.820	-		☺
ALLENHURST	KF4ZUR	147.270	+	162.2	☺
AMERICUS	W4VIR	147.270	+		
ASHBURN/TIFTON	W4PVW	147.285	+	T141.3	☺
ATHENS	KD4QHB	146.745	-		
ATHENS	KD4AOZ	146.955	-	T123.0	☺
ATHENS/CRAWFRD	K4TQU	147.375	+	127.3	☺
ATL/UNION CITY	WA4UPE	146.625	-	100.0	
ATLANTA	W4AQL	145.150	-	167.9	
ATLANTA	W4IBM	145.290	-	T88.5	☺
ATLANTA	W4DOC	145.350	-	T146.2	☺
ATLANTA	K4LCI	145.430	-		☺
#ATLANTA	WB4QGR	146.640	-	UNCOR	
ATLANTA	W4DOC	146.820	-	T146.2	☺
ATLANTA	K4CLJ	146.970	-	T	☺
ATLANTA	WA4NNO	147.000	-		
ATLANTA	WB6RTH	147.105	+	107.2	☺
ATLANTA	K4JPD	147.195	+	T	
ATLANTA	KA5WZY	147.285	+		☺
ATLANTA/AIRPORT	W4REI	147.030	+		☺
ATLANTA/BELL	W4PME	145.410	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	146.655	-	T151.4	☺
ATLANTA/MARIETTA	N4NEQ	147.345	+	151.4	☺
ATLANTA/SWEAT MT.	KD4NC	146.730	-		
AUGUSTA	KK4HL	145.110	-		
AUGUSTA	W4DV	145.290	-	T100.0	☺
AUGUSTA	AA4UA	145.370	-		
AUGUSTA	K4KNS	145.410	-		☺
AUGUSTA	W4DV	145.490	-		☺
AUGUSTA	KT4N	146.940	-		
AUGUSTA	K4KNS	146.985	-	100.0	☺
AUGUSTA	N4BMA	147.180	+		
BAINBRIDGE	KE4RWR	147.090	+	PROP	
BALDWIN	WD4NHW	147.180	+		☺
BGMRC/NEWMAN	K4SEX	145.130	-		☺
#BLACK ROCK MT	KE4SNT	147.390	+	UNCOR	
BLAIRSVILLE	KE4RQT	146.955	-	T100.0	
BOGART	W4EEE	147.000	+	T	☺
BONAIRE	KD4HMH	145.470	-		
BONAIRE	K4EDN	147.015	+	T82.5	☺
BOSTON	W4UCJ	147.195	+		
BRUNSWICK	K4TVE	146.730	-		
CALHOUN	K4WOC	146.745	-	T100.0	☺
CARROLLTON	W4FWD	146.640	-	T131.8	☺
CARTERSVILLE	N4GIS	147.015	-	100.0	☺
CEDARTOWN	W4CMA	147.120	+		☺
CHATSWORTH	N4YYD	145.250	-	T71.9	
CLARKESVILLE	K4HCA	147.120	+		☺
CLAXTON	W4CLA	147.075	+		
CLEVELAND	WB4HIG	146.910	-		☺
COCHRAN	N4MXC	145.110	-	T107.2	
COCHRAN	W3LAP	147.330	+	T77.0	
COLBERT	N4ALE	147.300	+		☺
COLUMBUS	W4FIZ	145.310	-		☺
COLUMBUS	W4CVY	146.610	-	T	☺
COLUMBUS	W4CVY	146.880	-		
CONYERS	WB4JEH	145.230	-	T151.4	☺
CONYERS	WB4JEH	146.610	-	T151.4	☺
CONYERS	KF4GHF	147.210	+	T162.2	☺
CORDELE	WR4SG	145.230	-	PROP	
CORDELE	KA4WUJ	145.490	-	T103.5	☺
COVINGTON	WA4ASI	146.925	-		
COVINGTON	KF4GHF	147.270	+	T162.2	☺
CUMMING	WB4GQX	147.150	+		☺
DAHLONEGA	N4KHQ	146.835	+	T100.0	☺
DALLAS	W4RPO	146.850	-		
DALLAS	WD4LUQ	146.895	+	T77.0	☺
DALTON	W4DRC	145.230	-		☺
DALTON	N4BZJ	147.135	+	T118.8	☺
DECATUR	W4BOC	145.450	-		☺
DOERUN	KG4ABK	147.225	+	PROP	
DOUGLAS	KE4ZRT	147.045	+	141.3	☺
DOUGLAS	KE4ZRT	147.165	+	PROP	☺
DOUGLAS	AD4EQ	147.315	+	T141.3	☺
DOUGLASVILLE	KR4HV	145.110	-	T88.5	☺
DOUGLASVILLE	W4SCR	147.360	+	T88.5	☺
DUBLIN	WA4HZX	147.360	+		
EASTMAN	KC4RRO	145.210	-		
EASTMAN	KF4ODQ	145.330	-	T77.0	
EATONTON	KC4YHM	147.090	+	T179.9	☺
ELBERTON	N4UJT	146.625	-		
ELLIJAY/TALONA M	KC4ZGN	146.985	-	T77.0	☺
EMERSON	AE4JO	147.240	+	T103.5	☺
FAYETTEVILLE	WA4EPK	145.210	-	131.8	
FAYETTEVILLE	K4KZY	146.685	-	PROP	
FOLKSTON	KD4GEY	146.790	-		
FORSYTH	W4STJ	147.315	+	88.5	☺
GAINESVILLE	W4ABP	146.670	-	T131.8	☺
GRIFFIN	K4HYB	145.390	-	T88.5	
GRIFFIN	K4HYB	146.910	-		
HARTWELL	N4VNI	146.895	-	T100.0	☺
HAWKINSVILLE	WR4MG	146.895	-	T107.2	
HINESVILLE	KF4UM	147.015	+		☺
IRWINTON	WB4NFG	147.240	+	T77.0	
IVEY	K4YC	145.250	-	T	
IVEY/MACON	K4YC	145.150	-	77.0	
JASPER	KB4IZF	145.370	-	T100.0	☺
JASPER	K4UFO	146.700	-		
JASPER	KC4AQS	146.805	+	T100.0	
JESUP	WA4EQL	145.190	-		☺
JESUP	WA9RNZ	145.430	-		☺
JESUP	N4ZON	146.865	-	T123.0	☺
JESUP	N4PJR	146.925	-		☺
JESUP/SCREVEN	N4PJR	147.345	+		☺
JONESBORO	WA4DIW	145.170	-		☺

GEORGIA REPEATERS CONTINUE

JONESBORO	WA4OGE	145.330 -			
KIBBEE	K4HVK	146.820 -	T		©
KINGSLAND	KC4WWU	147.285 +	T118.8		©
LAFAYETTE	KB4VAK	147.375 +	T77.0		
LAGRANGE	KD4BWK	146.700 -	T141.3		©
LAGRANGE	WB4BXO	147.330 +			
LAKE PARK	WR4SG	147.135 +	T141.3		
LAVONIA	K4NVG	146.715 -	T100.0		©
LAWRENCEVILLE	W4GR	147.075 +	82.5		©
#LINCOLNTON	KT4N	147.120 +	UNCOR		
LOOKOUT MT	W4GTA	145.350 -	T100.0		©
LOOKOUT MT.	W4RRG	146.760 -	T67.0		©
MACON	W4BKM	145.370 -			
MACON	AA4RI	145.430 -			©
MACON	WR4DH	146.730 -	T100.0		©
MACON	K4PDQ	146.805 -	T77.0		©
MACON	N3SM	146.895 -	T123.0		
MACON	WA4DDI	147.060 +	T		©
#MACON	KF4XH	147.165 +	UNCOR		
MADISON	WB4DKY	146.865 -	T179.9		©
MARIETTA	W4LMA	145.490 -	88.5		©
MARIETTA	N4NEQ	146.775 -	T151.4		©
MARIETTA/ATLANTA	W4BTI	146.880 -	T100.0		©
MILLEDGEVILLE	WB4DOJ	146.700 -	T67.0		
MILLEDGEVILLE	K4GK	147.135 +	T123.0		©
MORGANTON	N4NEQ	147.165 +	T151.4		©
MOULTRIE	WD4KOW	146.790 -			
NASHVILLE	KB4JF	145.310 -	T141.3		
NEWNAN	K4SEX	146.790 -			©
OCILLA	KD4MFS	145.350 -			
PEMBROKE	KF4DG	147.105 +			
PEMBROKE	W4CJB	147.390 +			
PERRY	WR4MG	145.290 -	T107.2		
PERRY	WR4MG	146.955 -	107.2		
PINE MT/HAMILTON	WB4ULJ	145.190 -			
QUITMAN	WA4NKL	146.880 -			©
RICEBORO	KF4UM	145.470 -			©
RINGGOLD	W4ABZ	146.715 -	T67.0		
ROME	WB4YSV	147.300 +			
ROME/MT. ALTO	W4VO	146.940 -	88.5		©
ROSWELL	N4CLA	147.060 +			
SANDERSVILLE	KT4X	145.270 -	T77.0		©
SAVANNAH	K4NLX	146.700 -			
SAVANNAH	K4SDJ	146.850 -			©
SAVANNAH	W4HBB	146.880 -			
SAVANNAH	W4HBB	146.970 -			
SAVANNAH	WA4IDS	147.150 +			
SAVANNAH	K4NLX	147.210 +			
SAVANNAH	K4NLX	147.330 +			
SNELLVILLE	KR4NQ	147.255 +	T107.2		©
ST SIMONS ISLAND	N4XGI	145.330 -	T131.8		©
STOCKBRIDGE	WA4JDR	145.310 -			©
STONE MT	W4BOC	146.760 -	T107.2		©
SUMMERVILLE	W4RLP	147.225 +	100.0		©
SWAINSBORO	K4VYX	146.790 -			
SWEAT MT/MARIETT	N4CLA	145.470 -			
THOMASTON	W4OHH	147.390 +	131.8		©
THOMASVILLE	W4UCJ	147.060 +			
THOMSON	KC4GSS	146.835 -			©
TOCCOA	N4MTN	147.330 +	PROP		©
TYRONE	N4OME	147.165 +	T		©
UNADILLA	WR4MG	146.760 -	T107.2		
VALDOSTA	WR4SG	145.130 -	T141.3		
VALDOSTA	KF4BJM	146.760 -	141.3		
VIDALIA	K4HAO	146.625 -			©
WALESKA/PNLG MT	K4PLM	145.270 -	T103.5		©
WARM SPRINGS	KN4FE	146.985 -			
WARNER ROBINS	WA4ORT	146.850 -			©
WARNER ROBINS	WB4BDP	147.180 +			©
WARNER ROBINS	WR4MG	147.300 +	107.2		
WATKINSVILLE	KD4AOZ	147.045 +	T123.0		©
WAYCROSS	AE4PO	146.640 -	T141.3		
WAYCROSS	AE4PO	147.255 +	T141.3		©
WAYNESBORO	K4BR	145.230 -			
WRENS	KB4NA	146.775 -			
WRIGHTSVILLE	WA4RVB	146.940 -			©
YOUNG HARRIS	K2YRW	147.090 +			©

220 MHZ

ACWORTH/ATL	N4MTA	224.320 -	T123.0	
ACWORTH/ATL	N4MTA	224.500 -	T123.0	
ALPHARETTA	NX9O	224.580 -	100.0	
ALPHARETTA	KC4JNN	224.860 -	T100.0	©
ATLANTA	N4BLR	224.280 -		
ATLANTA	W4DOC	224.340 -		©
ATLANTA	KK4C	224.820 -	T77.0	
#ATLANTA-NE	KC4OVY	224.200 -	UNCOR	
ATLANTA/BELL	W4PME	224.620 -	100.0	©
ATLANTA/MARIETTA	N4NFP	224.120 -	T151.4	©
ATLANTA/MARIETTA	N4NEQ	224.440 -	T151.4	©
ATLANTA/MARIETTA	PT2RFL	224.960 -	T100.0	©
AUGUSTA	WB4KXO	224.940 -		
BISKEY MTN	KC4JNN	224.160 -	T100.0	©
CEDARTOWN	KC4KLW	224.780 -	T179.9	©
CLAYTON	W4UWH	224.720 -	PROP	
#CONYERS	WB4JEH	224.020 -	UNCOR	©
CONYERS	WA4SSJ	224.800 -	PROP	
CUMMING	K4JSR	224.980 -		
DAHLONEGA	N4RBT	224.380 -	T100.0	©
DALLAS	N4YDX	224.180 -		
DALLAS	N4YEA	224.540 -		©
DALLAS	W4TIY	224.700 -		©
DALTON	N4BZJ	224.360 -	T	©
DALTON	N4BZJ	224.460 -	T118.8	©
DALTON	N4BZJ	224.680 -		©
DALTON	N4KVC	224.740 -	T	©
FT MT/CHATSWTH	N4YYD	224.240 -	T71.9	
GAINESVILLE	W4TL	224.840 -	T131.8	©
HAWKINSVILLE	WR4MG	224.820 -	PROP	
JASPER	KC4AQS	224.400 -	T100.0	
JASPER	W4UWH	224.600 -	100.0	
LOOKOUT MT	W4RRG	224.560 -	T	©
LOOKOUT MT.	W4RRG	224.640 -		©
MARIETTA	KE4QFG	224.260 -	T110.9	©
MARIETTA	W4LMA	224.900 -		©
NORCROSS	KE4IPX	224.480 -		©
PINE LOG MTN	KE4AIS	224.520 -		©
SNELLVILLE	W4CSX	224.920 -	T100.0	
STONE MT	W4BOC	224.760 -		
TEMPLE	WA4KM	224.300 -	T100.0	
VALDOSTA	KB0Y	224.460 -	T141.3	
WALESKA	KD4ALC	224.140 -		
WALESKA	KB4GDS	224.940 -		©
WARNER ROBINS	WR4MG	224.840 -		
WATKINSVILLE	KD4AOZ	224.420 -	T123.0	©
YORKVILLE	WD4LUQ	224.880 -	T77.0	©
YOUNG HARRIS	NP2Y	224.660 -	PROP	

440 MHZ

ACWORTH	KC4YNF	441.800 +	T77.0	©
ALBANY	W4MM	444.500 +		
ALPHARETTA	WB6RTH	442.000 +	107.2	©
ATHENS	AA4AI	442.950 +	T179.9	©
ATHENS	WW4GA	443.300 +	T	©
#ATHENS/CRAWFRD.	KC4GZX	444.300 +	UNCOR	
ATL/MARIETTA	N4NFP	442.800 +	T	©
ATLANTA	W4CML	442.025 +	T127.3	©
#ATLANTA	WB6RTH	442.225 +	UNCOR	©
ATLANTA	N4XQM	442.525 +	T203.5	
ATLANTA	KE4PVE	442.675 +	T100.0	
ATLANTA	WA4YNZ	442.975 +	T	
ATLANTA	W4CML	443.025 +	T127.3	©
ATLANTA	KA5WZY	443.600 +	T146.7	©
ATLANTA	W4CML	443.650 +	PROP	©
ATLANTA	KD4LXT	443.875 +		
ATLANTA	W4DOC	444.450 +	T146.2	©
ATLANTA	KD4GPI	444.500 +	T110.9	
ATLANTA	W4DOC	444.825 +	T146.2	
ATLANTA	WA4NNO	444.925 +		
ATLANTA	WA4YNZ	444.975 +	T	©
ATLANTA/BELL	W4ZTL	421.250 +		
ATLANTA/BELL	W4PME	444.150 +	T100.0	©
ATLANTA/MARIETTA	PT2RFL	442.875 +	T100.0	
ATLANTA/MARIETTA	N4NFP	443.800 +	T151.4	
ATLANTA/MARIETTA	N4NEQ	444.050 +	T151.4	
ATLANTA/MARIETTA	N4NEQ	444.775 +	151.4	
AUGUSTA	KD4BOO	444.900 +		
BALDWIN	WD4NHW	442.350 +		
BARNESVILLE	N4GWO	443.675 +		
#BISKEY MTN	KC4JNN	443.250 +	UNCOR	©
BLAIRSVILLE	KF4SKT	442.200 +		
BLUERIDGE	KD4GRU	442.125 +	146.2	
BOGART	W4EEE	443.475 +	T	
BONAIRE	K4EDN	444.625 +	T82.5	©
BRUNSWICK	KD4CPO	443.425 +		
BRUNSWICK	K4TVE	444.975 +		
BUFORD	K3TD	442.900 +	T103.5	
BYRON	KF4XH	443.150 +		
BYRON	WB4SBT	444.700 +	T103.5	©
CARROLLTON	W4FWD	444.075 +	T131.8	
CARTERSVILLE	N4GIS	443.175 +		©
CEDARTOWN	KD4NTF	443.575 +	T107.2	©
CHATSWORTH	W4DRC	443.000 +		©
CHESTER	KD4IEZ	444.525 +	T156.7	
CLAYTON	W1CP	442.825 +	T162.2	©
CLERMONT	W4TL	444.950 +	T131.8	
COCHRAN	W3LAP	442.875 +	T77.0	
COCHRAN	N4MXC	444.775 +	PROP	
COCHRAN	W3LAP	444.975 +	77.0	
CONCORD	WB4GWA	443.400 +	118.8	
CONYERS	WB4JEH	442.550 +	T151.4	©
CONYERS	KB2DZA	443.725 +	T77.0	
CONYERS	WB4JEH	444.550 +	T151.4	©
CONYERS	KC4ELV	444.750 +	T162.2	©
CORNELIA	K4JLG	444.275 +	T100.0	©
COVINGTON	K4GO	443.750 +	T146.2	
COVINGTON	KE4PVE	444.175 +	T100.0	
COVINGTON	WA4ASI	444.800 +	T88.5	
CULLODEN	KE4BB	444.275 +	T123.0	
CUMMING	WB4GQX	441.900 +	T141.3	©
CUMMING	WA4BPY	442.575 +	T79.9	©
CUMMING	W4CBA	444.625 +	T123.0	©
#CUMMING	WA4YNZ	444.975 +	UNCOR	©
DACULA	KK4IN	443.550 +		
DAHLONEGA	N4KHQ	443.100 +	100	©
DAHLONEGA	N4KHQ	444.900 +		
DALLAS	W4CSX	441.925 +	T162.2	
DALLAS	W4TIY	443.700 +		©
DALLAS	WD4LUQ	444.700 +	T77.0	©
DALTON	N4BZJ	442.175 +	T118.8	©
DALTON	N4BZJ	444.500 +	T118.8	©
DALTON	N4BZJ	444.850 +		©
DANIELSVILLE	KE4FHN	442.650 +	T	
DECATUR	N3APR	442.200 +		
DECATUR	KA4UFM	443.950 +	T110.9	©
DECATUR	W4BOC	444.250 +		©
DOUGLAS	KE4ZRT	443.000 +	PROP	
DOUGLASVILLE	W4SCR	444.575 +	T88.5	©
DUBLIN	KD4FOC	442.600 +	T77.0	
DUBLIN	KD4IEZ	443.025 +	T156.7	
DULUTH	W4IXN	443.775 +	T82.5	
EATONTON	KC4YHM	442.925 +		©
ELLIJAY	KC4ZGN	442.700 +	T77.0	©
ETOWAH VALLEY	AE4JO	443.425 +	T103.5	
FAYETTEVILLE	W4PSZ	444.600 +	T77.0	
FLOWERY BRANCH	K4VJM	442.775 +	PROP	
FLOWERY BRANCH	K4RHJ	443.900 +	T100.0	©
FOLKSTON	KD4GEY	444.475 +		
FT. MT/CHATSWTH	N4YYD	443.350 +	T71.9	
GAINESVILLE	W4ABP	442.625 +	T131.8	©
#GAINESVILLE	WA4DB	444.200 +	UNCOR	©
GRAY	K4MDS	443.625 +		
GREENSBORO	N4YXL	444.850 +	PROP	
GRIFFIN	KF4QLF	441.850 +	PROP	
GRIFFIN	KE4WLP	443.550 +		©
HAMILTON	WB4ULJ	444.400 +		
HAPEVILLE	KC4ENL	442.825 +	T167.9	
HELEN	K4PE	444.425 +	PROP	
HIAWASSEE	KC4CBQ	444.675 +	186.2	©
HIGH PT/LOOKT MT	KB4VAK	443.450 +	T77.0	
HINESVILLE	KF4UM	444.850 +	PROP	©
HOGANSVILLE	KC4YNY	444.300 +	PROP	
IRWINTON	WB4NFG	444.925 +	T77.0	
IVEY	K4YC	443.200 +	T88.5	
IVEY	K4YC	444.650 +	T	
JASPER	N3DAB	442.750 +	T141.3	©
JASPER	KC4AQS	443.375 +	T100.0	
JASPER	KB4MDE	443.425 +		
JASPER	KF4QYP	443.625 +	T100.0	
JASPER	KB4IZF	444.375 +	T103.5	©
JESUP	N4PJR	444.925 +		©
JONESBORO	WA4DIW	443.225 +		
KINGSLAND	KC5BMJ	444.625 +	T118.8	©
KNOXVILLE	N4PQR	443.525 +	PROP	
LAKEMONT	N4ZRF	444.750 +	T	
LAVONIA	K4NVG	442.475 +	T203.5	©
LAWRENCEVILLE	WB4HJG	442.850 +	T82.5	©
LAWRENCEVILLE	WB4QDX	444.000 +	T127.3	©
LAWRENCEVILLE	W4CML	444.025 +	PROP	©
LOOKOUT MT	W4RRG	442.650 +	T100.0	©
LOOKOUT MT.	W4RRG	442.475 +	T67.0	©
MABLETON	W4JLG	442.325 +	T	©
MACON	AF4UL	442.000 +	PROP	
MACON	K4DDH	442.275 +	T100.0	©
#MACON	WX4EMA	443.075 +	UNCOR	
MACON	W4BKM	444.100 +		
MADRAS	KE4HAC	442.250 +	PROP	
MARIETTA	N1KDO	442.050 +	T107.2	©
MARIETTA	KE4QFG	442.375 +	T	©
MARIETTA	WA4OKJ	442.600 +	T100.0	
MARIETTA	N4MTA	443.500 +		
MARIETTA	KF4BMG	444.325 +	T79.7	
MARIETTA/ATL	KE4QFG	442.725 +	T	©
MCDONOUGH	KE4UAS	444.875 +	T123.0	©
MONROE	KQ4XL	443.925 +	T123.0	
MOULTRIE	W1BPP	444.625 +	T123.0	
NEWNAN	K4NRC	441.875 +	T156.7	©
NEWNAN	KE4PVE	444.350 +	PROP	
NORCROSS	K4HUM	442.100 +	T100.0	
PEACHTREE CITY	AB4KN	442.500 +	T77.0	
PEACHTREE CITY	N4YTR	444.675 +	T77.0	
PEMBROKE	AF4MI	441.800 +	PROP	
PENDERGRASS	KE4PVE	444.125 +	PROP	
PERRY	WR4MG	444.950 +		
PINE LOG MT	KD4APP	443.200 +	T103.5	
QUITMAN	WA4NKL	444.600 +	T127.3	©
REX	KB4NPO	443.975 +	PROP	
RINGGOLD	KW4KW	442.300 +	PROP	
RINGGOLD	W4BAB	443.925 +		
ROCKMART	KC4KLW	443.275 +	T179.9	©
ROME	KA4MLK	441.825 +	T100.0	
ROME	KC4KLW	443.525 +	T179.9	©
ROSWELL	W8BLA	442.075 +	T	
#ROSWELL	WA4YNZ	442.975 +	UNCOR	©
ROSWELL/BELL	N4SE	442.150 +	T100.0	
ROSWELL/BELL	W4PME	443.150 +	100.0	
SANDY SPRINGS	KE4OKD	441.950 +	T103.5	
SAVANNAH	K4NLX	421.250 +		
SAVANNAH	WA4VHP	427.250 +	T	
SAVANNAH	K4NLX	442.700 +		
#SAVANNAH	WD4AFY	444.000 +	UNCOR	
SMYRNA	N4IBW	444.650 +		
SNELLVILLE	W4CML	442.450 +	T	
SNELLVILLE	NE1H	443.050 +	T	

SYMBOLS: © = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

GEORGIA REPEATERS CONTINUE

SNELLVILLE	W4GR	444.525 +	82.5		
ST SIMONS ISLAND	N4XGI	442.950 +	T131.8		
STATHAM	WW4T	442.300 +	T		
STOCKBRIDGE	N4JMD	443.325 +	T		
STONE MTN	KD4HPD	443.825 +	T123.0		
SUGAR HILL	NY4F	444.400 +	PROP		
SUMMERVILLE	KS4QM	444.725 +	T123.0		
SWEAT MT/MARIETT.	N4CLA	444.475 +			
TIFTON	KE4RJI	444.875 +	PROP		
VALDOSTA	WR4SG	444.350 +	T141.3		
VALDOSTA	KF4BJM	444.700 +	T141.3		
VIDALIA	KE4PMP	442.500 +	T88.5		
#WALESKA	KD4DXR	441.350 +	UNCOR		
#WALESKA	K4PLM	443.850 +	UNCOR		
WARM SPRINGS	N4UER	442.400 +			
WARNER ROBINS	WR4MG	442.900 +			
WATKINSVILLE	KD4AOZ	444.725 +	T123.0		
WAYCROSS	AE4PO	444.025 +	T141.3		
WOODSTOCK	KE4SJO	444.225 +			

920 MHZ

ATLANTA	KG4LMT	927.500 -	PROP	
#SAVANNAH	WA4VHP	923.000 -	UNCOR	

1270 MHZ

ATLANTA/BELL	KB4KIN	1292.000	-	
ATLANTA/MARIETTA	N4NEQ	427.250 +		
DALTON ATV	N4BZJ	421.250 +		

KENTUCKY

10 METERS

BUCKHORN LAKE	K4XYZ	29.620 -	103.5	
LOUISVILLE	KK4CZ	29.640 -		

6 METERS

ASHLAND	KC4QK	53.010 -	T107.2	
BUCKHORN LAKE	K4XYZ	53.730 -	PROP	
DORTON	WR4AMS	53.350 -	PROP	
HAZARD	K4TDO	53.850 -		
HIGHLAND HEIGHTS.	AD4CC	53.330 -	123.0	
HIGHLAND HEIGHTS.	W4YWH	53.750 -	PROP	
LAGRANGE	WB4WSB	53.950 -	PROP	
LAWRENCEBURG	N4EQT	53.130 -	T107.2	
LEXINGTON	KE4LGL	53.570 -		
LONDON	KE4ZJT	53.910 -	T100.0	
LOUISVILLE	KF4UAQ	53.290 -		
LOUISVILLE	N7BBW	53.430 -	T151.4	
LOUISVILLE	WB4LBR	52.025 +		
NANCY	KA4UHL	53.270 -	T100.0	
#STANTON	WD4KNE	53.810 -	UNCOR	
WAYNESBURG	KE4RKF	53.390 -	T100.0	
WILLIAMSBURG	KB4PTJ	53.070 -	T100.0	

2 METERS

ALLEN	K4ICN	147.300 +	T123.0	
#ARTEMUS	KE4INT	147.390 +	UNCOR	
ASHLAND	K4GEC	146.940 -		
ASHLAND	KC4QK	147.240 +	T107.2	
ASHLAND	WA8KWH	147.330 +		
BARBOURVILLE	KF4CME	147.135 +	100.0	
BARDSTWN/NELSN	WB4GGH	145.470 -	151.4	
BEREA	KF4OFT	146.715 -	100.0	
BLACK MOUNTAIN	KB4DFK	147.210 +	T103.5	
BOWLING GREEN	WA4GOZ	146.625 -	PROP	
BOWLING GREEN	K4LOL	147.060 +	PROP	
BOWLING GREEN	W4WSM	147.165 +		
BOWLING GREEN	KA4CFW	147.330 +		
BOWLING GREEN-SO	W4WSM	146.655 -		
BROOKS	KY4KY	146.700 -	T151.4	
BUCKHORN LAKE	K4XYZ	147.375 +	T103.5	
CADIZ	KT4SH	147.195 +	103.5	
CANE VALLEY	WA4UXJ	146.640 -		
CENTER	KD4YGK	147.375 +	151.4	
#CENTRAL CITY	WF4N	145.390 -	UNCOR	
CORBIN	WD4KWV	146.610 -		
COVINGTON	WR8CRA	147.390 +		
CRESTWOOD	KF4TOL	147.390 +	T151.4	
DANVILLE	WD4DZC	146.655 -		
DAVID	KC4KZT	145.310 -	T	

PLEASE NOTE

The Repeater Journal lists subtones used on repeaters ONLY if they are requested to be listed by the sponsor or owner. The listing of a subtone on any repeater does not in any way indicate it being a "Closed" repeater. Generally in most cases, the tones are used to eliminate noise problems and are listed at the owners request for users convenience.

DAWSON SPRINGS	KF4CWK	147.090 +	T103.5	
#DIXON	N4IOX	147.255 +	UNCOR	
DORTON	KC4KZT	146.895 +	T141.3	
DRAKESBORO	KF4DKJ	146.820 -	T	
ELIZABETHTOWN	W4BEJ	146.980 -		
ELKTON	KA4NNE	146.805 -	151.4	
FARMINGTON	W4GZ	147.240 +	T91.5	
FLEMINGSBURG	KF4BRO	146.955 -	T107.2	
FLORENCE	K4JBV	146.895 -	100.0	
FRANKFORT	N4EQT	147.105 +	T107.2	
FRANKFORT	KC4AI	147.240 +	T100.0	
FRANKLIN	KE4SZK	147.135 +	PROP	
GEORGETOWN	KF4NTQ	146.685 -	107.2	
GLASGOW	KY4X	146.940 -	114.8	
GRAYSON	KD4DZE	146.700 -	107.2	
GREENVILLE	WA4TTC	146.745 -		
GRETHEL	KJ4VF	147.045 +	T100.0	
HALLS GAP	W8PRH	145.170 -		
HARLAN	WA4ZAC	147.105 +		
HAZARD	KF4SJO	146.670 -		
HAZARD	W8PRH	146.805 -		
HENDERSON	W4KVK	145.490 -		
#HENDERSON	K4DPP	146.970 -	UNCOR	
HIGHLAND HEIGHTS.	W4YWH	146.790 -	123.0	
HIGHLAND HTS.	K4CO	147.255 +	T123.0	
#HODGENVILLE	W4LJM	147.315 +	UNCOR	
HOPKINSVILLE	KF4FO	146.710 -		
HOPKINSVILLE	KD4ULE	147.030 +	T103.5	
HUEYSVILLE	KF4ZTB	145.470 -	T79.7	
HYDEN	KF4TLT	147.240 +	186.2	
IRVINE	W4CMR	146.820 -	192.8	
IRVINE	AD4RU	147.015 +		
IRVINGTON	WB4WVH	146.900 -		
JACKSON	WA4MXO	145.410 -		
#JONATHAN CREEK	N4SEI	146.985 -	UNCOR	
LAWRENCEBURG	N4EQT	145.390 -	T107.2	
LEBANON	WD4JZH	147.345 +	T151.4	
LEBANON JCT.	KD4YGK	147.150 +	PROP	
LEESBURG	KC4UPE	145.110 -	T192.8	
LEXINGTN/GRGTWN	W8PRH	145.210 -		
LEXINGTON	AD4YJ	145.250 -	110.9	
LEXINGTON	WB4CWF	145.490 -		
LEXINGTON	AC4AO	146.730 -		
LEXINGTON	K4KJQ	146.760 -		
LEXINGTON	WA4HBM	147.165 +		
LEXINGTON	KJ4VF	147.195 +		
LITCHFIELD	KG4OOZ	147.225 +	179.9	
LONDON	KE4ZJT	147.180 +	151.4	
LONDON	KC4ZFH	147.285 +	T	
LOUISA	N8QCW	147.390 +	127.3	
LOUISVILLE	KG4CCW	145.150 -	141.3	
LOUISVILLE	W8PRH	145.230 -		
LOUISVILLE	AC2DC	145.290 -	T151.4	
LOUISVILLE	KK4CZ	145.410 -	127.3	
LOUISVILLE	W4PF	146.880 -		
LOUISVILLE	W4PJZ	147.030 +	151.4	
LOUISVILLE	N4NMC	147.070 +	T151.4	
#LOUISVILLE	KA4KMT	147.120 +	UNCOR	
LOUISVILLE	W4CN	147.180 +	88.5	
LOUISVILLE	WB4EJK	147.270 +	151.4	
LOUISVILLE	KQ9Z	147.360 +		
LOUISVILLE AREA	N4UL	145.130 -	T151.4	
LYNN GROVE	KA4BLZ	146.895 -	T210.7	
MADISONVILLE	KC4FRA	146.610 -		
#MARION	KA4FGA	147.285 +	UNCOR	
MAYSVILLE	KF4BRO	145.470 -	T107.2	
MIDDLESBORO	W4PPM	146.775 -		
MILLARD	KD4RTR	146.745 -	T141.3	
MONTECELLO	WB9SHH	146.955 -	PROP	
MONTICELLO	KY4JW	145.150 -		
MOREHEAD	KJ4VF	145.130 -	T100.0	
MOREHEAD	K4GFY	146.910 -	T123.0	
#MT. STERLING	WD4KNE	147.330 +	UNCOR	
MURRAY	K4MSU	146.940 -		
NANCY	KA4UHL	146.790 -	T100.0	
#NEBO	AA4NI	146.730 -	UNCOR	
OWENSBORO	N4WJS	146.685 -	110.9	
OWENSBORO	AD4MU	146.865 -		
OWENSBORO	K4HY	147.210 +	110.9	
OWINGSVILLE	N4TLP	147.075 +		
PADUCAH	K4CUW	146.655 -	T	
PADUCAH	KD4DVI	146.760 -		
PADUCAH	W4NJA	147.060 +	103.5	
PAINTSVILLE	N4KJU	145.270 -	T	
PARIS	KE4OOS	147.045 +	PROP	
PHELPS	KJ4YK	147.090 +		
PIKEVILLE	AD4BI	145.150 -	107.2	
PIKEVILLE	KM4IV	146.850 -		
PRESTONSBURG	WB4UBY	147.165 +		
PRINCETON	W4KBL	145.230 -	PROP	
PRINCETON	W4KBL	146.670 -		
#PROVIDENCE	N4IUI	147.330 +	UNCOR	
RADCLIFF	AI4HB	145.350 -	173.8	
RADCLIFF	W4BEJ	146.925 -		
RICHMOND	KE4YVD	145.370 -	T192.8	
RICHMOND	KG4AEU	146.865 -	192.8	
ROCKFIELD	KG4FEJ	145.450 -	PROP	
ROCKPORT	KD4BOH	145.270 -	77.0	
SALEM	KC4VXR	147.315 +		
SALVISA	KC4ZOX	146.835 -	T192.8	
SALYERSVILLE	KB4SQI	145.190 -	T127.3	
SANDY HOOK	KF4WMM	147.135 +	T107.2	
SHELBYVILLE	KE4LR	147.000 +		
SO. PORTSMOUTH	KC8FKP	145.390 -	136.5	
SOMERSET	KA4UHL	146.880 -	77.0	
SPRINGFIELD	WA4SJH	147.300 +		
ST. CHARLES	KE4AIE	147.270 +		
STANTON	N4VOS	145.290 -		
STANTON	W8PRH	146.970 -		
STINETT	KF4TLT	147.345 +	PROP	
TOMPKINSVILLE	KJ4OG	146.775 -		
VANCEBURG	AE4SK	146.775 -		
VERSAILLES	KF4INN	145.330 -		
WADDY	KS4TO	146.910 -	T107.2	
WALTON	K4CO	147.375 +	123.0	
WEBSTER	K4ULW	146.625 -	T151.4	
WEST LIBERTY	KG4GQC	145.230 -	107.2	
WILLIAMSBURG	KG4M	147.000 +		
WINCHESTER	WB4ASZ	147.120 +		

220 MHZ

ASHLAND	KC4QK	223.940 -		
BUCKHORN LAKE	K4XYZ	224.460 -	PROP	
DORTON	WR4AMS	224.520 -		
GARRETT	KF4ZTB	224.260 -	PROP	
HAZARD	WR4AMS	224.820 -		
IRVINE	AD4RU	224.940 -		
LANCASTER	KD4RXF	224.560 -		
LAWRENCEBURG	N4EQT	224.900 -	T107.2	
LEXINGTON	AC4AO	224.420 -		
LEXINGTON	KR4BD	224.800 -		
LONDON	WR4AMS	224.980 -		
LOUISVILLE	KA4MKT	224.300 -		
LYNCH	K4TDO	224.320 -	PROP	
META	WR4AMS	224.380 -	PROP	
MIDDLESBORO	WM4MD	224.120 -	T82.5	
NANCY	KA4UHL	224.100 -	T100.0	
PIKEVILLE	WB4F	224.580 -		
PIKEVILLE	KD4DAR	224.620 -		
PRESTONSBURG	WR4AMS	224.720 -	PROP	
SHEPHERDSVILLE	N4FND	224.500 -	T151.4	
SOMERSET	N4AI	224.300 -		
SOMERSET	N4AI	224.880 -		
VERSAILLES	AD4CR	224.220 -		

440 MHZ

ALLEN	N4IWZ	444.775 +	T123.0	
#ASHLAND	KC8ERN	444.750 +	UNCOR	
ASHLAND	KC4QK	444.975 +	T107.2	
BARDSTOWN	KT4GB	443.000 +		
BEATTYVILLE	KC4UPE	444.825 +	T192.8	
BOWLING GREEN	W4HTB	426.250 +		
BOWLING GREEN	W4WSM	444.100 +		
BOWLING GREEN	N5KOL	444.700 +	T136.5	
BROOKS	KY4KY	443.700 +	151.4	
BRUSHY FORK	KF4WMM	444.600 +	88.5	
BUCKHORN LAKE	K4XYZ	443.400 +	PROP	
BURLINGTON	KD4EVB	443.525 +	T107.2	
CANE VALLEY	W4LJM	443.950 +	T	
CORBIN	KF4IFC	444.275 +	79.7	
CORBIN	WB4IVB	444.900 +	T100.0	
COX'S CREEK	AE4NU	443.450 +	T151.4	
DAVID	KC4KZT	443.900 +	T167.9	
DAWSON SPRINGS	KU4MJ	444.275 +		
DORTON	KD4RTR	442.150 +	167.9	
DORTON	KJ4VF	443.250 +		
DRY RIDGE	KC4COV	444.425 +	118.8	
ELIZABETHTOWN	W4BEJ	421.250 +		
ELIZABETHTOWN	W4BEJ	444.800 +		
ELKHORN CITY	KD4RTR	444.300 +	PROP	
FALMOUTH	KD4EVB	443.825 +	118.8	
FLORENCE	KC4COV	443.175 +	T131.8	
FLORENCE	KC4COV	443.475 +	T131.8	
FLORENCE	KC4COV	444.175 +	T131.8	
FORT WRIGHT	KY4JD	442.525 +	T123.0	
FOSTER	KU4ML	443.125 +		
FRANKFORT	K4NGQ	442.175 +	T67.0	
FRANKFORT	WA4CMO	443.325 +		
FRANKLIN	KD4TAH	443.225 +		
GARRETT	KF4JJD	442.400 +	79.7	
GEORGETOWN	KF4NTQ	443.625 +		
GILBERTSVILLE	W2HR	442.850 +	T103.5	
GLASGOW	KY4X	444.925 +		
GLASGOW/CVCTY	KF4DC	444.250 +		
GRAEFENBURG	N4HZX	443.550 +		
GRETHEL	KJ4VF	444.525 +		
HAWESVILLE	KB4QFL	444.625 +		
HAZARD	K4TDO	443.975 +	103.5	
HENDERSON	KY4K	444.725 +	T203.5	
HIGHLAND HEIGHTS.	W4YWH	444.900 +	123.0	
HOPKINSVILLE	KE4AIF	444.750 +	T103.5	
HORSECAVE	KF4QZN	444.850 +	PROP	
HUDSON	KC4JTV	444.900 +	179.9	
INDEPENDENCE	K4JBV	442.325 +	100	
INDEPENDENCE	KB8SBN	444.075 +	T110.9	
IRVINE	W4CMR	442.900 +		
IRVINE	AD4RU	444.000 +		
LATONIA	AA4XV	442.400 +	T	
LAWRENCEBURG	N4EQT	443.925 +	T107.2	
LEBANON JCT	KD4YGK	441.775 +	PROP	
LEBANON JCT	KD4YGK	444.150 +	PROP	

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

KENTUCKY REPEATERS CONTINUE

LEWISPORT	K4DC	444.550 +			☺
#LEXINGTON	KY4ATV	923.250 -	UNCOR		☺
LEXINGTON	KD4ADJ	442.050 +			☺
LEXINGTON	KE4OOL	443.025 +	T123.0		
LEXINGTON	KB8QLC	444.125 +	88.5		☺
LEXINGTON	KC4DUU	444.550 +			☺
LEXINGTON	KE4ISR	444.725 +	T		
LEXINGTON	N4DUE	444.950 +			☺
LOUISVILLE	N4ORL	442.000 +			
LOUISVILLE	KB4RYM	442.500 +			
LOUISVILLE	WD4ELX	442.550 +			
LOUISVILLE	KB4YJ	442.725 +	151.4		
LOUISVILLE	WD9EQC	443.500 +			
LOUISVILLE	N4UL	444.100 +	173.8		☺
LOUISVILLE	KG4JNM	444.300 +	PROP		
LOUISVILLE	N4NMC	444.600 +	T151.4		
LOUISVILLE AREA	N4RBL	442.100 +	T		
LOUISVILLE AREA	KD4CLR	442.450 +	T151.4		☺
LOUISVILLE SW	K4ULW	443.350 +			☺
MADISONVILLE	KC4FIE	442.425 +			☺
MADISONVILLE	AE4LW	442.575 +	T100.0		
MADISONVILLE	KC4FIE	442.775 +			☺
MADISONVILLE	KC4FIE	444.600 +			☺
MAMMOTH CAVE	KF4QZN	444.475 +	T179.9		☺
MANCHESTER	KD4GMH	444.500 +	PROP		
MARION	KR4PF	444.200 +	T100.0		☺
MAYSVILLE	KF4BRO	443.500 +	T123.0		☺
META	WB4UBY	443.500 +			☺
MIDDLESBORO	WM4MD	442.325 +	T67.0		☺
MIDDLESBORO	KD4PBC	443.150 +	PROP		
MIDDLESBORO	WB4IVB	444.150 +	T100.0		
MILLARD	KD4RTR	443.425 +			
MONTICELLO	WB9SHH	444.750 +			
MOREHEAD	K4GFY	442.500 +	T		
MORGANTOWN	KF4QZN	444.425 +	T179.9		☺
MT STERLING	KD4ADJ	442.600 +			☺
MURRAY	K4MSU	443.800 +	T114.8		☺
NANCY	KA4UHL	443.600 +	T100.0		☺
NEBO	AA4NI	444.850 +			
NICHOLASVILLE	KC4UPE	444.775 +	T167.9		
NICHOLASVILLE	WB4CWF	444.975 +			
OLIVE HILL	KO4LI	444.925 +			
OWENSBORO	N4WJS	443.100 +	T110.9		☺
OWENSBORO	N4WJS	443.650 +	110.9		☺
OWENTON	KD4EVB	443.425 +	118.8		☺
PADUCAH	KD4DVI	443.000 +	PROP		
PAINTSVILLE	N4KJU	441.525 +	127.3		☺
PHELPS	N4MVY	444.575 +			☺
PIKEVILLE	KD4RTR	444.200 +			
PIKEVILLE	KD4DAR	444.375 +			☺
PIKEVILLE	AD4BI	444.475 +			☺
PRESTONSBURG	K4AVY	443.825 +	127.3		
RICHMOND	KE4ISW	444.625 +	192.8		☺
RINEYVILLE	KF4RBD	444.225 +	PROP		
ROBINSON CREEK	KC4VYX	444.675 +			☺
ROCKPORT	KD4BOH	442.675 +	77.0		
ROCKPORT	KD4BOH	444.075 +	T77.0		
RUSSELLVILLE	KD4TAH	442.350 +	PROP		
SALEM	KC4VXR	444.825 +	T100.0		
SALVISA	KF4AWA	444.675 +	T203.5		☺
SALVISA	KC4UPE	444.875 +	T167.9		
SALYERSVILLE	KE4NLL	444.050 +	T127.3		☺
SHELBYVILLE	KE4YRE	442.375 +			
SHEPHERDSVILLE	KD4YGK	444.400 +	T203.5		☺
SIMPSONVILLE	KO4OT	444.450 +	T100.0		☺
SPRINGFIELD	WA4SJH	444.600 +			
STANTON	N4VOS	442.075 +			
VERSAILLES	KF4INN	443.775 +			
WADDY	KS4TO	443.225 +			
WALTON	K4CO	444.350 +	123.0		☺
WEBSTER	KC4JTV	441.525 +	PROP		
WILDER	KC4COV	444.400 +	T131.8		☺
WILLIAMSBURG	KB4PTJ	444.050 +	100.0		☺

MISSISSIPPI

10 METERS

BAY SAINT LOUIS	KB5MPW	29.640 -	PROP	

6 METERS

BAY SAINT LOUIS	KB5MPW	53.650 -	PROP	
BYHALIA	N4DRL	53.270 -	T	☺
ELLISVILLE	N5EKR	53.010 -	T	
JACKSON	W5PFC	53.470 -	PROP	
LAUREL	KC5PIA	53.450 -		☺
NETTLETON	AB5MU	53.050 -	192.8	

2 METERS

ABBEVILLE	WB5VYH	145.470 -	T107.2	
ABERDEEN	WB5USN	147.270 +		
ACKERMAN	NO5N	147.120 +		
AMORY	KB5DWX	146.940 -	T192.8	☺
AMORY	KB5DSN	147.090 +		
BAY ST. LOUIS	WB4FUR	146.700 -		
BILOXI	KC5IF	146.730 -		
BILOXI	K5TYP	146.790 -		
BOONEVILLE	K5YD	145.190 -	110.9	☺
BOONEVILLE	KI5WI	147.150 +		
BUDE	K5JMD	146.850 -	T103.5	
BYHALIA	N4DRL	145.350 -		☺
BYHALIA	N4DRL	147.225 +		☺
CHATAWA	WB5GOJ	145.310 -		
COLLINS	N5LRQ	146.985 -	T136.5	
COLUMBIA	N5LJC	147.285 +	PROP	
COLUMBUS	KC5ULN	146.625 -		☺
COLUMBUS	KC5ULN	147.000 +		☺
COLUMBUS	KC5ULN	146.895 +	T136.5	☺
CORINTH	WB5VOJ	146.925 -	T107.2	
CORINTH	K5UFH	147.000 -		
CORINTH	KB5TGA	147.285 +		☺
D'IBERVILLE	KC5IF	145.410 -		
ELLISVILLE	N5EKR	146.955 -	T	
ELLISVILLE	N5DWU	146.865 +	T136.5	☺
ELLISVILLE	N5DWU	146.895 +	T136.5	☺
FLORENCE	KD5AXY	145.110 -	T	
FOREST	KC5QHP	147.390 +	T100.0	☺
#FRENCH CAMP	W5BJT	147.225 +	UNCOR	
FULTON	WX5P	145.450 -		☺
GLOSTER	KX5E	145.430 -	T136.5	
GREENVILLE	KG5SF	147.345 +		☺
GREENWOOD	KA5TQY	146.715 -		
GRENADA	W5LV	146.700 -		☺
GULFPORT	KA5VFU	147.375 +		☺
HATTIESBURG	W5CJR	145.190 -	T136.5	☺
HATTIESBURG	K5IJX	145.370 -	136.5	
HATTIESBURG	K5PN	146.775 -	T136.5	☺
HATTIESBURG	W5CJR	147.360 +		
HERNANDO	K5VV	146.910 -		
ISOLA	KC5OB	146.955 -		
IUKA	WB5MFK	146.850 -		
JACKSON	KB5KGE	145.390 -		
JACKSON	W5AXQ	146.760 -		☺
JACKSON	K5QNE	146.880 -	T100.0	☺
JACKSON	KA5SBK	146.940 -	100.0	☺
JACKSON	W5IQ	147.000 +	T	
JACKSON	NC5Y	147.075 +	T	
KILN	K5DMC	145.330 -		
KOSCIUSKO	W5LWC	146.850 -		
LAUREL	W5LAR	146.610 -		☺
LAUREL	WV5D	147.030 -	T	
LAUREL	KC5RC	147.255 +		
LOUISVILLE	KC5QGC	147.360 +		
LUCEDALE	WA5JZL	146.910 -		
MADISON	K5XU	146.640 -		☺
MAGEE	K5HYE	146.820 -	100.0	☺
MAGEE	KA5LNY	147.300 +		☺
MCCOMB	K5JMD	146.940 -	T	
MENDENHALL	KB5IKR	145.210 -	T100.0	
MERIDIAN	KC5ZZH	146.655 -		☺
MERIDIAN	W5FQ	146.700 -		☺
MERIDIAN	KI5FW	146.970 -	100.0	☺
MONTICELLO	N5JHK	147.015 +		
MOOREVILLE	WB5NAY	146.640 -		
MORTON	KB5LCL	147.045 +	T141.3	
NATCHEZ	W5KHB	146.685 -		
NATCHEZ	K5OCM	146.910 -	91.5	
NATCHEZ	K5SVC	147.360 +	100.0	
#NEW ALBANY	KC5VZI	145.230 -	UNCOR	
NEW ALBANY	W5UBG	146.670 -		
#NEW ALBANY	KC5VZI	146.745 -	UNCOR	
NEW HEBRON	N5MRS	147.090 +	T	
OCEAN SPRINGS	W5LDD	147.030 +		☺
PASCAGOULA	KE5SJ	146.880 -		
PASCAGOULA	N5PH	146.970 -	T	
PEARL/RANKIN CO	KF5IZ	147.150 +	T88.5	
PELAHATCIE	W5PBB	147.240 +	T77.0	☺
PHILADELPHIA	N5EPP	147.330 +		
#PICAYUNE	K5LFP	145.150 -	UNCOR	
PONTOTOC	WB5NAY	147.380 +		
PORT GIBSON	KE5WO	146.625 -		
PURVIS	KB5ZCX	146.670 -		
RICHTON	N5OCF	147.060 +	T	
SENATOBIA	KB5DMT	146.985 -	T107.2	☺
SHARON	N5ZQC	145.450 -	T100.0	
SOUTHAVEN	N5PYQ	145.370 -	T107.2	
STARKVILLE	KD5GVU	146.730 -	210.7	☺
STARKVILLE	KF5C	146.805 -	192.8	
#SUMNER	WB5FXH	147.090 +	UNCOR	
TUPELO	N5VGK	145.490 -		
TUPELO	N5ELS	147.240 +		
UNION	N5SPJ	147.210 +	T100.0	
UTICA	N5ZMZ	145.350 -		☺
UTICA	KC5TGT	146.730 -	PROP	
UTICA	N5ZMZ	147.345 +		
VANCLEAVE	W5WA	145.110 -	PROP	
#VANCLEAVE	KE5TL	147.000 -	UNCOR	☺
VICKSBURG	WJ5L	145.290 -		
#VICKSBURG	K5IMT	146.805 -	UNCOR	
VICKSBURG	K5ZRO	147.270 +	T100.0	
VOSSBURG	KB5UIX	147.135 +	136.5	
WALLS	N5NBG	145.270 -	T162.2	
WATER VALLEY	N5DXM	147.000 -		
WAYNESBORO	W5SAR	147.105 +		☺
WAYNESBORO	N5DWU	147.315 +		☺
WEST POINT	KC5LIO	147.180 +		☺
WIGGINS	KB5DZJ	145.270 -	T136.5	☺
WINONA	N5EYM	146.970 -	110.9	

220 MHZ

BYHALIA	N4DRL	224.500 -		☺
VICKSBURG	WB5OWY	224.780 -		
WARSAW	N4DRL	224.880 -		☺
WAYNESBORO	W5SAR	224.140 -		☺

440 MHZ

ABERDEEN	KD5AHI	444.450 +		
AMORY	KB5DSN	444.825 +		
BYHALIA	N4DRL	444.300 +		☺
CLERMONT HARBR	WD5BJT	444.150 +	T77.0	
CLINTON	KG5YV	444.000 +	T100.0	☺
ELLISVILLE	N5DWU	442.200 +	T167.9	☺
ELLISVILLE	N5DWU	442.250 +	T167.9	☺
GAUTIER	KA5NOJ	426.250 +		☺
GAUTIER	KA5NOJ	911.250 -		☺
GAUTIER	KC5LCW	443.450 +	123.0	☺
GLOSTER	N5ZNS	443.825 +		
GREENVILLE	N5PS	444.675 +		
HATTIESBURG	K5PN	443.700 +	T136.5	☺
HAZLEHURST	N5ZDF	443.950 +	T100.0	
HEIDELBERG	KC5RC	444.300 +	T100.0	
HICKORY FLAT	W4ZCD	444.725 +	T179.9	
INDIANOLA	AB5DU	444.850 +	136.5	
JACKSON	KB5LCL	444.450 +	T141.3	
JACKSON	KB5CO	444.600 +	T100.0	☺
JACKSON	NC5Y	444.700 +		
JACKSON	KB5CO	444.800 +		
JACKSON, EAST	AA5RZ	443.625 +		
MCCOMB	N5HTQ	444.875 +	T100.0	
MERIDIAN	KB5BRZ	444.100 +	131.8	☺
MERIDIAN	W5LRG	444.500 +	107.2	☺
NATCHEZ	N5IAT	443.800 +		
NETTLETON	AB5MU	444.625 +	192.8	
NEW ALBANY	WB5YCR	444.150 +		
NEW HEBRON	N5NNI	444.525 +	T	☺
O'REILLY	N5PS	444.975 +	PROP	
PEARL	KB5HAV	444.375 +	T88.5	
PETAL	W5CJR	443.350 +	T	☺
PHILADELPHIA	WB5YGI	444.950 +		
PICAYUNE	KE5LT	443.725 +	T179.9	☺
PINOLA	KC5LXF	444.850 +		
PORT GIBSON	KC5CLM	444.575 +	T141.3	☺
RAYMOND	W5PPB	443.600 +	77.0	☺
RICHTON	N5OCF	444.625 +		
SOUTHAVEN	NU5O	443.575 +	77.0	☺
SOUTHAVEN	N5PYQ	444.925 +	T107.2	
STARKVILLE	KD5GVU	444.750 +		☺
STENNIS SPC CEN	WB4FUR	444.650 +		
TUPELO	N5VGK	444.950 +	T192.8	
VICKSBURG	WB5TTE	444.925 +		
VOSSBURG	N5LRQ	442.725 +	T167.9	
WALLS	N5NBG	444.650 +		
WAYNESBORO	W5SAR	443.500 +		☺
WAYNESBORO	W5SAR	443.550 +		☺
WEST POINT	N5WXD	443.450 +		☺
WIGGINS	KB5DZJ	443.300 +	167.9	☺

NORTH CAROLINA

10 METERS

HIGH POINT	KE4QOX	29.640 -	T103.5	☺
NEWPORT	K4GRW	29.660 -	PROP	
ROCKY MOUNT	N4JEH	29.660 -		☺
THOMASVILLE	WW4DC	29.680 -	88.5	☺
WILKESBORO	KC4XE	29.620 -		☺
ZEBULON	WB4IUY	29.620 -		

6 METERS

AIR BELLOWS GAP	WA4PXV	53.050 -		
ASHEVILLE	WD4BQW	53.270 -		☺
ASHEVILLE	N4OOC	53.470 -	PROP	
BOONE	WA4NC	53.790 -	PROP	☺
CHAPEL HILL	W4UNC	53.450 -	T107.2	☺
CLINTON	W4TLP	53.330 -		☺
DURHAM	W4BAD	53.750 -		☺
EFLAND	WA1YYN	53.410 -	T107.2	☺
#FAYETTEVILLE	W4EBM	53.810 -	UNCOR	
GASTONIA/CRDR MT	N4XTF	53.110 -		☺
HENDERSONVILLE	W4FOT	53.130 -	T100.0	☺
KVILLE/HIPOINT	KF4QDS	53.590 -	T103.5	
LUMBERTON	KD4BGD	53.110 -		☺
MT MITCHELL	AB4JJ	53.630 -	T100.0	☺
MT. AIRY	N4DAJ	53.970 -	T100.0	
MT.AIRY/FANCY GP.	KD4FWS	53.070 -	T100.0	
PITTSBORO	KD4JFN	53.230 -	T107.2	
RALEIGH	K4ITL	53.030 -		☺
RALEIGH	W4BAD	53.190 -	PROP	☺
#RANLO	KC4YOZ	53.390 -	UNCOR	
REELSBORO	KF4IXW	53.090 -	T162.2	☺
ROCKY MOUNT	N4JEH	53.050 -		☺
SAURATOWN MT	N4QLX	53.210 -		
SOPHIA/RANDLEMAN	WR4BEG	53.350 -		
THOMASVILLE	KE4QOX	53.010 -	T88.5	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

N. CAROLINA REPEATERS CONTINUE

THOMASVILLE	WW4DC	53.170 -	88.5		
THOMASVILLE	WW4DC	52.525 +	T88.5		
W. JEFFERSON	AB4JJ	53.330 -	T100.0		
WILLIAMSTON	K4SER	53.310 -			
WILMINGTON	AD4DN	53.430 -	T88.5		
YOUNGSVILLE	KD4MYE	53.370 -	T		

2 METERS

AHOSKIE	WB4YNF	145.130 -			
AHOSKIE	WA4ZGQ	146.910 -	T131.8		
ALBEMARLE	K4OGB	146.985 -	T100.0		
ANDRWS/ROBNSVL	K4AIH	147.045 -	T151.4		
ANDSN MT/DENVER	K4CCR	145.170 -	88.5		
ASHEBORO	KJ4AV	147.255 +			
#ASHEVILLE	WB4PLA	146.835 -	UNCOR		
ASHVL/MT PISGAH	WA4BVW	146.760 -			
ASHVL/SPIVEY MT	W4MOE	146.910 -	91.5		
BAKERSVILLE	KC4WPM	145.310 -			
BENSON	KD4BJD	146.970 -			
BEULAVILLE	N4VBH	145.230 -			
BOONE/RICH MTN	WA4J	147.360 +	T103.5		
BREVARD	K4HXZ	147.135 +			
BROADWAY	K4ITL	147.105 +	T82.5		
BURGAW	KA4PAY	146.940 -			
BURLINGTON	K4FHB	146.670 -			
BURNSVILLE	KD4WAR	146.955 -			
BURNSVILLE	KD4WAR	147.375 +			
BUTNER	N4NCK	145.370 -			
BUTNER	WA4IZG	146.940 -	T156.7		
BUXTON	K4USB	146.625 -	131.8		
CANTON	W4DJB	146.805 +			
CARTHAGE	W2SE	147.240 +			
CHAPEL HILL	W4UNC	145.230 -	T107.2		
CHAPEL HILL	K4ITL	147.135 +	T82.5		
CHARLOTTE	W4BFB	145.230 -			
CHARLOTTE	W4BFB	145.290 -			
CHARLOTTE	WA4AOS	145.350 -			
CHARLOTTE	W4BFB	146.940 -			
CHARLOTTE	W4CQ	147.060 -			
CHARLOTTE	W4CQ	147.270 +			
CHERRY MTN	KG4JIA	147.240 +	T94.8		
CHINA GROVE	N4XO	145.410 -	136.5		
CLAREMONT	WB4SRV	147.225 +	T162.2		
CLAYTON	WB4IUY	147.390 +	T88.5		
CLINTON	W4TLP	146.790 -			
COINJOCK	WN3X	145.290 -	131.8		
COLUMBIA	KB4TOH	146.835 -	T131.8		
#CONCORD/KANNAP	K4CEB	146.655 -	UNCOR		
CRDR MT/GASTONIA	WD4PLY	145.450 -			
CROSSNORE	KD4GLB	146.700 -	167.9		
#DOBSON	AD4T	146.925 -	UNCOR		
DUNN	N4CID	146.700 -			
DURHAM	WR4AGC	145.450 -			
#DURHAM	K4JPE	147.590 -	UNCOR		
DURHAM	WD4LDB	147.360 +			
EDEN/STONEVILLE	WA4QBG	147.390 +			
EFLAND	WA1YYN	147.180 +	T156.7		
ELIZABETH CITY	WA4VTX	146.655 -	131.8		
ELM CITY	K2IMO	145.150 -	T88.5		
FARMVILLE	K4ROK	145.270 -	T131.8		
FAYVLLE/CFARS	WB4YZF	146.910 -	100		
FAYVLLE/FT BRAGG	W4LPL	147.330 +			
#FOREST CITY	WA4BKU	146.670 -	UNCOR		
FRANKLIN	NT4K	145.490 -			
FRANKLIN	W4GHZ	147.240 +	T151.4		
GASTONIA/CRWDR	K4GNC	146.805 -			
GASTONIA/SPCR MT	N4GAS	147.120 +			
GIBSONVILLE	WB4IKY	145.490 -	T107.2		
GOLDSBORO	KI4RK	145.330 -	100.0		
GOLDSBORO	K4CYP	146.850 -	T		
GRAHAM	K4GWH	147.375 +	T114.8		
GREENSBORO	W4GSO	145.150 -	100.0		
GREENSBORO	W4GG	145.250 -	T88.5		
GREENSBORO	K4GWH	146.760 -	T88.5		
GREENSBORO	KG4BTN	147.030 +	T131.8		
GREENSBORO	W4BUZ	147.210 +			
GREENVILLE	WD4JPQ	145.350 -	T131.8		
GREENVILLE	KD4EAD	147.375 +	T151.4		
GREENVL/ESTN NC	W4GDF	147.090 +			
GRIFTON	W4NBR	146.685 -	88.5		
HATTERAS ISLAND	K4OBX	145.150 -	T131.8		
HAW RIVER	KD4JFN	146.715 -	T107.2		
HENDERSONVILLE	WB4YAO	146.640 -	T100.0		
HENDERSONVILLE	WA4KNI	147.105 +			
HENDSVL/BERWLW	WA4KNI	145.270 -			
HENDSVL/PENIC	WA4KNI	147.255 +			
HICKORY/BRT. MT	WA4DSZ	146.850 -			
HIGH PEAK MTN	K4OLC	145.210 -	94.8		
HIGH POINT	NC4AR	145.290 -	T88.5		
HIGH POINT	W4UA	147.165 +			
HILLSBOROUGH	WR4AGC	147.225 +			
#HOPE MILLS	W4KMU	146.835 +	UNCOR		
JACKSONVILLE	KA4SQN	145.190 -			
JACKSONVILLE	WD4FVO	147.000 -			
JEFFERSON	W4YSB	147.300 +	T103.5		
KANNAPOLIS	N4JEX	147.300 +	T136.5		
KILL DEVIL HILLS	W4PCN	145.110 -	T131.8		
KINSTON	W4OIX	145.470 -			
LAURINBURG	KI4RR	146.625 -			
LELAND	N4CTJ	145.170 -			
#LENOIR	N4NIN	147.195 +	UNCOR		
LENOIR/HIBRITN	KN4K	147.330 +	T141.3		
LEXINGTON	N4LEX	145.310 -	T88.5		
LEXINGTON	K4IZM	146.910 -	T107.2		
LINCOLNTON	NC4LC	147.015 +	141.3		
LOCUST	WA4CHZ	147.390 +	T100.0		
#LUMBERTON	W4NHV	145.150 -	UNCOR		
LUMBERTON	W4NHV	147.045 +			
LUMBERTON	KD4PBK	147.165 +	T88.5		
LUMBERTON	W4PET	147.360 +			
MACO	KB4BR	147.060 +	T		
MADISON	WA4IXW	147.345 +	T103.5		
MARION	WD4PVE	146.985 -	118.8		
MILLERS CREEK	N4GGN	146.715 -			
MONROE/UCARS	N4ZVN	145.390 -	T94.8		
MORGANTON	KC4QPR	146.745 -	94.8		
MORGANTON	K4VLY	147.150 +			
MOUNT AIRY	N4VRD	145.330 -	T100.0		
MOUNT AIRY	N4XRY	146.970 -			
MT MITCHELL	WA4BVW	145.190 -			
MURPHY/STALCUP	KB4YSX	146.865 +	T151.4		
N. WILKESBORO	W4HF	145.370 -			
NEW BERN	W4EWN	146.610 -	T100.0		
NEWPORT	K4GRW	145.450 -			
NEWTON	K4CCR	147.075 +	T88.5		
ORIENTAL	W4SLH	147.210 +	T151.4		
OXFORD	N4NCK	145.170 -			
PITTSBORO	KD4JFN	147.075 +	T146.2		
RAEFORD	KU4W	145.430 -	100.0		
RALEIGH	W4RNC	145.130 -	T88.5		
RALEIGH	K4GWH	145.190 -	T156.7		
RALEIGH	WB4TQD	145.390 -	T82.5		
RALEIGH	W4BWC	145.490 -	T82.5		
RALEIGH	WB4TOP	146.610 -	T131.8		
RALEIGH	W4DW	146.640 -			
RALEIGH	W4BWC	146.730 -	T82.5		
RALEIGH	NC4SU	146.775 -	T88.5		
RALEIGH	WB4TQD	146.880 -			
RALEIGH	KD4MYE	147.015 +			
RALEIGH	KO4CW	147.195 +	T88.5		
RALEIGH/BENSON	AK4H	147.270 +			
RED SPRINGS	W4MZP	147.300 +			
REIDSVILLE	N4IV	146.850 -	T103.5		
#ROANOKE RAPIDS	N4WFU	145.310 -	UNCOR		
ROANOKE RAPIDS	KB4DJT	147.030 +			
ROANOKE RAPIDS	K4ITL	147.150 +	PROP		
ROBBINSVILLE	N4GSM	145.110 -	T151.4		
ROCKINGHAM	K4RNC	146.955 -			
ROCKY MOUNT	KF4NOV	145.290 -	PROP		
ROCKY MOUNT	W4DCG	146.805 -	T118.8		
ROCKY MOUNT	WN4Z	147.120 +	131.8		
ROLESVILLE	KF4HFQ	147.315 +	T88.5		
ROSEBORO	K4ITL	145.310 -			
SALISBURY	W4EXU	146.730 -	T94.8		
SAURATOWN MT	W4NC	145.470 -	T100		
SAURATOWN MT	KG4ASL	146.790 -	T107.2		
SAURATOWN MT	K4MPJ	147.315 +	T100.0		
SHALLOTTE	K4PPD	145.370 -			
SHALLOTTE	K4PPD	147.315 +			
SHALLOTTE	K4PPD	147.390 +			
SHELBY	W4NYR	146.880 -			
SHELBY	W4NYR	147.345 +			
SOUTHPORT	W4ZU	146.775 -	100.0		
SPARTA/GREEN MT	K4QFQ	145.430 -			
STAR/BISCOE	KI4DH	147.090 +	100.0		
STATESVILLE	KE4WSX	146.685 -			
#STATESVILLE	KC4MJC	147.045 +	UNCOR		
SWANSBORO	KB2XI	146.760 -			
SYLVA	KF4DTL	147.345 +	151.4		
THOMASVILLE	KF4QDS	146.610 -	PROP		
THOMASVILLE	KB4BPV	146.835 +	T88.5		
THOMASVILLE	WW4DC	147.000 +	T88.5		
TRENTON	WB4TQD	145.210 -			
TRYON	KF4JVI	145.330 -			
WADESBORO	W4USH	146.835 -			
WANCHESE	W4ACY	146.940 -	T131.8		
WASHINGTON	WA4TEP	147.345 +			
WAXHAW	WA4ZRS	146.865 +	T94.8		
WAYNESVILLE	N4SM	147.270 +			
WAYNESVILLE	N4DTR	147.390 +			
WHITEVILLE	W4NTQ	147.210 +			
WILKESBORO	WB4PZA	146.820 -			
WILLIAMSTON	K4SER	145.410 -	T131.8		
WILMINGTON	AD4DN	146.670 -	T88.5		
WILMINGTON	W4VNK	146.730 -			
WILMINGTON	K4GMP	146.820 -	T88.5		
WILMINGTON	WA4US	147.135 +	T67.0		
WILMINGTON	AC4RC	147.180 +	T88.5		
WILSON	WB4THL	146.760 -	131.8		
WILSON	WB4IUY	147.300 +	T88.5		
WINSTON-SALEM	W4NC	146.640 -	T100.0		
YADKINVILLE	N4YSB	147.015 -			
YOUNGSVILLE	KD4MYE	145.110 -	88.5		

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880 -	T		
ASHEVILLE	KD4CJG	224.520 -	PROP		
ASHEVILLE	WB4PLA	224.600 -			
ASHVL/MT PISGAH	WA4BVW	224.260 -			
BANNER ELK	WA4NC	224.840 -	PROP		
BARIUM SPRINGS	WA4WRS	224.300 -			
BIG KNB/MARS HIL	KE4RQL	224.660 -	100.0		
BURNSVILLE	KD4WAR	224.740 -			
CANTON	N4DWU	224.820 -			
CHAPEL HILL	K4ITL	224.120 -	PROP		
CHARLOTTE	W4BFB	224.400 -			
CHERRY MTN	KG4JIA	224.640 -	PROP		
CHERRYVILLE	KC4ZTJ	224.960 -			
CLEMMONS	WB9SZL	224.700 -	T100.0		
DUNCAN	KM4TC	224.700 -	T88.5		
EDEN	N4IV	224.780 -	T103.5		
EFLAND	WA1YYN	224.660 -	T107.2		
FAYETTEVILLE	WB4YZF	224.560 -			
GASTONIA	KC4IRA	224.620 -	T127.3		
GOLDSBORO	W3PS	224.960 -	T156.7		
GREENSBORO	WB4GUG	224.440 -	T107.2		
GREENSBORO	N4QVI	224.960 -			
GRIFTON	WA4DAN	224.840 -			
#GRIMESLAND	WB4PAC	224.360 -	UNCOR		
HAW RIVER	KD4JFN	224.620 -	T107.2		
HENDERSONVILLE	N4UQS	224.960 -			
HENDSVL/BERWLW	WA4KNI	224.240 -			
HILLSBOROUGH	WR4AGC	224.260 -			
JACKSONVILLE	KA4SQN	224.320 -			
KERNERSVILLE	KD4LHP	224.820 -	T107.2		
KVILLE/HIPOINT	KE4QOX	224.240 -	T107.2		
LENOIR/HIBRITN	KN4K	224.160 -			
LEXINGTON	KR4HJ	224.520 -	PROP		
LOCUST	KC4FWC	224.480 -			
MARSHALL	WA4TG	224.360 -	T		
MT MITCHELL	WA4BVW	224.540 -			
OXFORD	N4NCK	224.740 -			
PLYMOUTH	KB7BTU	224.760 -	T131.8		
RALEIGH	K4ITL	224.160 -			
RALEIGH	W4RNC	224.640 -			
ROCKY MOUNT	NF4C	224.220 -			
ROCKY MOUNT	KR4AA	224.580 -			
SALISBURY	W4EXU	224.760 -			
SHELBY	W4NYR	224.060 -			
SHELBY	KC4ZTJ	224.460 -			
SOPHIS/RANDLEMAN	WR4BEG	224.140 -	T		
THOMASVILLE	WW4DC	224.340 -	T88.5		
#THOMASVILLE	KC4KUL	224.600 -	UNCOR		
TRENTON	WA4DAN	224.720 -			
#WALKERTOWN	WA4RQF	224.580 -	UNCOR		
WALKERTOWN	WA4RQF	224.640 -			
WILMINGTON	WA4US	224.200 -	T		
WILMINGTON	AD4DN	224.500 -	T88.5		
WILMINGTON	WB4KPF	224.680 -			
ZEBULON	KD4WJD	224.800 -	T88.5		

440 MHZ

AHOSKIE	WB4YNF	444.200 +	T		
AIR BELLOWS GAP	WA4PXV	443.575 +			
ANDRWS/ROBINSVL	WD4NWV	442.600 +	T151.4		
ANDRWS/ROBINSVL	K4AIH	443.650 +	T		
ANDSN MT/DENVER	K4CCR	444.075 +	88.5		
APEX	KD4PBS	442.075 +	T114.8		
ARCHDALE	KC4UKL	443.300 +			
ASHEBORO	WD4ICX	442.325 +			
ASHEBORO	KE4QAP	444.975 +			
ASHEVILLE	WA4TOG	442.550 +			
ASHEVILLE	KD4GEU	442.650 +			
ASHEVILLE	KF4TLA	443.275 +	T103.5		
AUBURN	N4ZCM	442.275 +			
BLADENBORO	KC4FWC	444.725 +	77.0		
#BOONE/RICH MT	KC4FWC	444.575 +	UNCOR		
BREVARD	AG4AZ	442.850 +			
BRYSON CITY	N0SU	443.400 +	T151.4		
BURNSVILLE	KD4WAR	443.650 +			
CANTON	KE4UIU	443.475 +	T156.7		
CARY	K4JDR	444.775 +	T100.0		
CASTALIA	N4JEH	444.975 +	T107.2		
CHAPEL HILL	W4UNC	442.150 +	T131.8		
CHAPEL HILL	W4UNC	443.475 +	T131.8		
CHARLOTTE	W4PPN	421.250 +			
CHARLOTTE	KD4OWV	443.950 +			
CHARLOTTE	W4CQ	444.450 +			
CHARLOTTE	W4BFB	444.600 +	T100.0		
CHARLOTTE	W4WBT	444.675 +			
CHARLOTTE	W4CQ	444.850 +			
CHERRY MTN	KG4JIA	442.500 +	94.8		
CHINA GROVE	N4JEX	443.250 +	T136.5		
CLAREMONT	WB4SRV	443.775 +	T118.8		
CLAYTON	K4JDR	444.150 +	PROP		
COLUMBIA	KB4TOH	443.300 +	131.8		
COLUMBUS	K4JLA	442.075 +	T103.5		
CRAB CREEK TWP	KB4PQA	443.125 +			
CROWDER'S MT	KD4FRP	443.675 +			
DALLAS CHLT	KC4YOZ	443.850 +	T100.0		
DALLAS/CHLT	WA1WXL	444.950 +	T136.5		
DURHAM	WR4AGC	444.100 +			
DURHAM	KB4WGA	444.925 +	T156.7		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

N. CAROLINA REPEATERS CONTINUE

DURHAM TV HILL	KJ4SO	421.250	+		
EFLAND	WA1YYN	442.050	+	T107.2	☺
ELIZABETH CITY	WA4VTX	444.300	+	131.8	☺
FAYETTEVILLE	WB4YZF	444.400	+	100HZ	
FOREST CITY	KC4IEV	443.300	+	T123.0	☺
FRANKLIN	N4DTR	444.375	+	T131.8	
GASTONIA	KG4LWG	442.775	+	PROP	
GASTONIA/CRWDR	KC4ZTI	443.750	+		
GASTONIA/CRWDR	AG4EI	444.150	+	T	☺
GASTONIA/CRWDR	KC4YOT	444.750	+		☺
GASTONIA/SPCR MT	N4GAS	444.550	+		
GIBSONVILLE	WB4IKY	443.025	+	T107.2	☺
GIBSONVILLE	WB4IKY	444.350	+	T107.2	☺
GOLDSBORO	W3PS	443.050	+	T156.7	☺
GRAHAM	K4GWH	443.725	+	T156.7	
GRANTSBORO	KR4LO	444.350	+		☺
GREENSBORO	KO4AT	421.250	+		☺
GREENSBORO	KG4BTN	441.975	+	PROP	
GREENSBORO	W4GSO	442.875	+	T88.5	☺
GREENSBORO	KG4BTN	443.650	+	88.5	
GREENSBORO	K4GWH	444.225	+	T146.2	
GREENSBORO	KG4BTN	444.475	+	107.2	
GREENVILLE	WB4PMQ	444.800	+	T131.8	☺
HATTERAS ISLAND	K4OBX	444.925	+	T131.8	☺
HAW RIVER	KD4JFN	443.775	+	T107.2	
HENDERSON	KG4IWI	442.125	+	T88.5	☺
HENDERSON	KB4WGA	444.375	+	PROP	☺
HENDERSONVILLE	WA4TOG	442.450	+		☺
HENDSVL/BERWLW	WA4KNI	444.250	+		
HICKORY	WA4PXV	442.375	+		
HICKORY	K4JEQ	444.000	+		
HICKORY	KF4LUC	444.800	+	T94.8	☺
HIGH POINT	W4UA	443.900	+		☺
HIGH POINT	KD4JFN	444.025	+	T107.2	
HILLSBOROUGH	WA1YYN	443.950	+	PROP	☺
HILLSBOROUGH	WR4AGC	444.450	+	T100.0	
#JACKSONVILLE	KE4JDP	444.675	+	UNCOR	
KANNAPOLIS	N4JEX	443.350	+	T136.5	☺
KERNERSVILLE	KF4DAR	442.975	+	T107.2	
KERNERSVILLE	KF4IXK	443.325	+	T131.8	
#KING/SAURATOWN	KE4QEA	444.200	+	UNCOR	☺
KINSTON	N4HAJ	444.575	+	T88.5	
KVILLE/H POINT	KE4QOX	443.700	+	T103.5	☺
LAKE GASTON	KF5TU	442.350	+	T100.HZ	
LENOIR/CAJAH MT	N4EUX	443.525	+		
LEXINGTON	KO0NTZ	442.275	+	T	
LEXINGTON	K4AE	442.425	+	T107.2	☺
LEXINGTON	K4CH	442.925	+	T107.2	☺
LEXINGTON	WD4ICX	444.500	+		
LILLINGTON	W4FBC	444.175	+	PROP	
LINCOLNTON	WA4YGD	442.350	+		☺
LINVILLE	KC4UBR	442.175	+	T136.5	
LOCUST	WA4LBT	443.700	+		☺
LOUISBURG	N4EWS	444.250	+	88.5	
LUMBERTON	WB4DVN	444.625	+		
LUMBERTON	KD4BGD	444.700	+	T114.8	
MAYODAN	WA4WGY	443.975	+		☺
MCLEANSVILLE	WB4GUG	444.125	+	T	☺
MIDDLESEX	NE4J	444.650	+	T179.9	
MONROE	N4ZVN	444.425	+	T94.8	☺
MORG/WALKER TOP	KC4QPR	442.300	+	94.8	☺
MORGANTON	KC4QZL	443.800	+	T	☺
MOUNT AIRY	N4XRY	444.925	+		
MT AIRY/FSH PK	KF4UY	444.825	+	T100.0	
MT MITCHELL	N4DWU	443.600	+		☺
NEW BERN	W4EWN	444.900	+	T100.0	☺
NEWPORT CCARS	W4YMI	444.975	+		☺
NEWTON	KE4KIV	442.625	+		
OLD FORT	KR4EX	444.775	+		
OXFORD	KC4WXA	444.600	+		
PIKEVILLE	KI4RK	443.000	+	PROP	☺
PINEY KNOB	KC4KPW	443.875	+	T103.5	
PITTSBORO	K1BUD	442.550	+	T	☺
PITTSBORO	KD4JFN	444.750	+	T146.2	
POLKVILLE	KC4ZTJ	444.975	+		
RALEIGH	K4OO	442.025	+	PROP	☺
RALEIGH	N4LMR	442.450	+		
RALEIGH	W4MLU	442.575	+	T156.7	☺
RALEIGH	NC4SU	442.675	+	100.0	☺
RALEIGH	WA4NNA	443.125	+		☺
RALEIGH	N4ZCM	443.225	+	T	
RALEIGH	W1IFL	443.375	+	T	
RALEIGH	W4RNC	444.525	+	T88.5	☺
RALEIGH	K4GWH	444.825	+	T146.2	
RALEIGH	KD4RAA	444.875	+	T100.0	☺
REIDSVILLE	K4YEC	444.800	+	T107.2	☺
RES. TRIANGLE PK	WA1YYN	443.425	+	T156.7	☺
RES. TRIANGLE PK	W4EUS	443.625	+		
ROANOKE RAPIDS	KA4BQM	444.550	+	T192.8	
#ROCKINGHAM	KC4FWC	443.825	+	UNCOR	☺
ROCKY MOUNT	N4JEH	443.700	+	T107.2	☺
ROCKY MOUNT	N4JEH	444.700	+		☺
ROCKY MOUNT	KG4IWI	444.725	+	PROP	☺
ROLESVILLE	KF4HFQ	444.950	+	PROP	
ROUGEMNT/RED MT	WA4WTX	443.275	+	100.0	
ROXBORO	KE4GYN	442.175	+	T156.7	☺
SALISBURY	W4HG	443.150	+	T136.5	
SALISBURY	KJ4HF	444.650	+	T88.5	☺
SAURATOWN MT	WA1YYN	442.825	+	PROP	☺
SAURATOWN MT	KE4QOX	443.100	+	T88.5	☺
SAURATOWN MT	WB4GUG	443.400	+	T107.2	☺
SELMA	KI4RK	444.000	+		☺
#SHELBY	W4NYR	427.250	+	UNCOR	
SOPHIA/RANDLEMAN	WR4BEG	443.075	+		
SOUTHERN PINES	KD4QMS	444.800	+	T118.8	
SPIVEY'S CORNER	KD4DMS	442.875	+		
#STANFIELD	KC4FWC	443.200	+	UNCOR	☺
STATESVILLE	N4VOZ	443.450	+		
STATESVILLE	AE4GA	444.700	+	PROP	
TARBORO	N4JEH	444.500	+	T100.0	☺
TAYLORSVILLE	W4ERT	441.625	+	T123.0	
TAYLORSVILLE	W4ERT	441.725	+	PROP	
TAYLORSVILLE	W4ERT	442.950	+	T151.4	
THOMASVILLE	WW4DC	442.900	+	T88.5	☺
VALDESE	WA4PXV	442.600	+		
#WALKERTOWN	WA4RQF	444.775	+	UNCOR	☺
WAXHAW	WA4ZRS	444.525	+	T94.8	☺
WAYNESVILLE	N4DTR	444.450	+		
WENTWORTH	N4IV	442.100	+	PROP	☺
WEST JEFFERSON	AB4JJ	443.500	+	T107.2	☺
WHITAKER MTN	WA4QFV	444.325	+		
WILKESBORO	KE4DGP	442.475	+	T107.2	
WILKESBORO	KC4XE	443.550	+		☺
WILLIAMSTON	K4SER	444.250	+	T131.8	☺
WILMINGTON	N4JDW	442.075	+	T88.5	
WILMINGTON	WA4US	442.175	+		☺
WILMINGTON	WA4US	442.200	+	T	☺
WILMINGTON	K4YNY	442.500	+	T88.5	☺
WILMINGTON	AD4DN	443.400	+	T88.5	☺
WILMINGTON	WA4US	443.850	+		☺
WILMINGTON	WA4US	443.950	+		☺
WILMINGTON	WA4US	444.200	+		☺
WILMINGTON	WA4US	444.450	+		☺
WILMINGTON	WA4US	444.650	+		☺
WILMINGTON	K4GMP	444.850	+	T88.5	☺
WILSON	W4EJ	444.900	+	T179.9	☺
WINGATE	WB4U	444.875	+	T127.3	☺
WINSTON-SALEM	W4NC	444.275	+		☺
WINSTON-SALEM	KD4MMP	444.725	+	T107.2	☺
YADKINVILLE	KD4KMK	442.025	+	T100.0	
YADKINVILLE	N4AAD	442.800	+	T100.0	☺
YOUNGSVILLE	KD2LH	443.200	+	T88.5	☺
ZEBULON	KD4WJD	442.400	+		
ZEBULON	N1GMV	444.475	+	T88.5	

920 MHZ

RALEIGH	W4FAL	927.662	-	T156.7	☺
WAYNESVILLE	N4DTR	927.662	-	PROP	

1270 MHZ

#CHARLOTTE	W4PPN	1253.250	+	UNCOR	
GASTONIA/CRWDR	AG4EI	1292.820	-		☺
WILMINGTON	AD4DN	1291.410	-	88.5	☺

SOUTH CAROLINA

10 METERS

SUMTER	W4GL	29.660	-		☺

6 METERS

BISHOPVILLE	K4NOC	53.090	-		
CHESTER	KF4SXO	53.290	-		
COLUMBIA	N5CWH	53.270	-	T162.2	☺
GVL/CSR'S HEAD	KO4MZ	53.410	-	T131.8	☺
LITTLE MOUNTAIN	KN4AS	53.190	-	T156.7	
MOUNTAIN REST	KF4IWA	53.590	-		
ORANGEBURG	AD4U	53.210	-		☺
SUMTER	WG4L	53.770	-		☺
WALTERBORO	KG4BZN	53.310	-	PROP	

2 METERS

ADAMS RUN (CHAS)	KF4CDR	147.345	+	T	☺
AIKEN	KY4S	145.170	-		☺
AIKEN	N4ADM	147.285	+		☺
ANDERSON	N4AW	146.970	-		☺
ANDERSON/SAS MT	N4AW	146.790	-		
AWENDAW	K4LWS	147.300	+	T103.5	
BAMBERG	WA4DFP	145.330	-		☺
BARNWELL	KF4CVO	147.030	+	T156.7	☺
BEAUFORT	W4IAR	145.310	-		☺
BEAUFORT	KD4KQJ	146.655	-		☺
BISHOPVILLE	K4NOC	145.170	-	T123.0	
BISHOPVILLE	W4APE	146.925	-		☺
CAMDEN	KT4NZ	146.820	-	PROP	
CHARLESTON	WA4USN	145.250	-	123.0	☺
CHARLESTON	WA4USN	146.790	-		☺
CHARLESTON	KT4YW	146.835	-		
CHARLESTON	KF4CDR	146.940	-		☺
CHARLESTON AREA	W4ANK	147.270	+		
CHERAW	W4APE	145.490	-		☺
CHESTER	W4CHR	145.310	-		☺
CHESTER	KF4SXO	146.625	-		
CHESTERFIELD	KF4GPE	147.135	+		☺
CLEMSON UNIV	WD4EOG	145.450	-	T	
COLUMBIA	N5CWH	145.270	-	T127.3	☺
COLUMBIA	WB4NEP	146.715	-		
COLUMBIA	KF4GHC	147.330	+	156.7	
COLUMBIA	N4EOY	147.360	+		
DILLON/PEE DEE	NN4N	146.745	-		
EASTOVER	KT4BU	147.075	+	T156.7	
ELLOREE	KC4WIF	146.610	-	T118.8	
FLORENCE	W4ULH	146.850	-		☺
FLORENCE	W4GEY	146.970	-		
FLORENCE	W4APE	147.195	+		☺
FORT JACKSON	KF4GHC	146.775	-	T156.7	☺
FORT MILL	WZ4SC	145.110	-		☺
FORT MILL	W4DXA	147.180	+		☺
GAFFNEY	KN4RG	145.470	-	T141.3	☺
GEORGETOWN	KI4CB	147.375	+		☺
GILBERT	N5CWH	146.655	-	PROP	
GREELEYVILLE	KG4AQH	145.230	-		☺
GREENVILLE	W4IQQ	146.940	-		☺
GREENWOOD	W4JAK	145.130	-	123.0	☺
GREENWOOD	W4GWD	147.165	+	107.2	☺
#GREENWOOD	K4LEO	147.375	+	UNCOR	
GRNVLE/CSRS HD	W4NYK	146.610	-		☺
GRNVLE/PARIS MT	W4NYK	146.820	-		☺
HILTON HEAD	W4IAR	147.240	+	T	☺
LANCASTER	W4PAX	146.700	-		
LANCASTER	AC4VT	147.240	+	T88.5	
LAURENS	KD4HLH	146.865	-	T107.2	☺
LEESVILLE	W4RRC	147.255	+	T123.0	☺
LEXINGTON	KA4FEC	147.390	+		
LITTLE MT.	K4AVU	147.210	+		
MARION	KD4HTW	147.000	-		☺
MONCKS CORNER	WD4NUN	147.150	+	T	
MOUNTAIN REST	KU4OL	147.030	-		
MT PLEASANT	K4ESG	146.760	-	T	
MT. PLEASANT	N7GZT	145.450	-	T	
MYB BCH/BRKSVIL	N4LV	147.285	+		
MYR BCH/CONWAY	W4GS	145.110	-		☺
MYR BCH/CONWAY	KI4CB	145.470	-		☺
MYRTLE BEACH	W4GS	145.290	-	85.4	☺
MYRTLE BEACH	W4GS	147.120	+		☺
N. AUGUSTA	K4NAB	146.730	-	T	☺
#N. MYRTLE BEACH	K4NMB	147.030	+	UNCOR	
ORANGEBURG	KF4ATU	146.805	-	T156.7	☺
ORANGEBURG	N7GZT	146.880	-	T	
ORANGEBURG	KF4ATU	147.090	+	T156.7	☺
PAGELAND	W4APE	146.895	-		☺
PALMETTO	KB4RRC	147.345	+	PROP	
PICKENS	WT4F	146.700	-	107.2	☺
PICKENS	WB4YXZ	147.000	-		
PUMPKINTOWN	KU4ZS	145.290	-	PROP	
ROCK HILL	K4YTZ	147.030	-		
SAVANNAH RIVER	W4ZKM	145.450	-	PROP	☺
SENECA/LONG MT	WA4JRJ	147.270	+		
SIMPSONVILLE	WA4UKX	146.730	-	100.0	☺
SMOAKS	KG4LAP	145.210	-	PROP	
SPARTANBURG	K4JLA	147.090	+		☺
SPARTANBURG	K4JLA	147.315	+		☺
ST. GEORGE	K4ILT	147.045	+	123.7	
ST. GEORGE	W4DTW	147.225	+		☺
ST. MATTHEWS	AD4U	146.670	-	T156.7	☺
SUMMERTON	N4LWY	145.150	-		
SUMMERVILLE	W4HNK	147.180	+	123.0	☺
SUMTER	K4JR	145.130	-		
SUMTER	K4JR	145.430	-	PROP	
SUMTER	W4GL	146.640	-		☺
SUMTER	W4GL	147.015	+	156.7	☺
SUMTER/SHAW	W4VFR	147.060	+		
UNION	K4USC	145.150	-	T	☺
UNION	K4USC	145.250	-		☺
UNION	K4USC	146.685	-		☺
WALTERBORO	KG4BZN	147.135	+		☺
WHITE HALL	WA4SJS	146.910	-		☺
#WHITE OAK MTN	W4RCW	147.285	+	UNCOR	☺

220 MHZ

BISHOPVILLE	K4NOC	224.860	-		
CHARLESTON	KA4NRL	224.180	-		
COLUMBIA	N7GZT	224.160	-		
COLUMBIA	N5CWH	224.560	-	T162.2	☺
COLUMBIA	KC4SWI	224.640	-		
COLUMBIA	N4EOY	224.900	-		
CROSS	KB4VFD	224.580	-		
FLORENCE	N4JJ	224.940	-		☺
FORT MILL	WZ4SC	224.800	-		☺
GAFF/THICKETY MT	KG4JIA	224.500	-	PROP	
GREENVILLE	W4ILY	224.200	-		☺
GRNVL/DOWNTWN	W4NYK	224.920	-	88.5	☺
LITTLE MTN	K4RWN	224.520	-		
ORANGEBURG	KO4BR	224.780	-		
PICKENS	AC4RZ	224.280	-		
PICKENS	WB4QHF	224.400	-	T131.8	☺
PICKENS/CSRS HD	WB4QHF	224.140	-	T131.8	☺
PICKENS/SASFR MT	W4IT	224.320	-		☺
SUMTER	W4GL	224.120	-		
SUMTER/SHAW	W4VFR	224.660	-		
WEST SPRINGS	KN4CW	224.440	-		

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

S. CAROLINA REPEATERS CONTINUE

440 MHZ

AIKEN	AC4WW	443.400 +	T107.2		☺
ANDERSON	KD4HEY	442.750 +	PROP		
BISHOPVILLE	K4NOC	444.500 +	123.0		
BLUFFTON	WA4MPZ	442.675 +	100.0		☺
CHARLESTON	KF4CDR	442.775 +	T		☺
CHARLESTON	N4MNH	444.300 +			☺
CHARLESTON	KD4PBC	444.950 +	103.5		
CLEMSON UNIV.	WD4EOG	444.625 +	T156.7		
CLOVER	KC4KPJ	443.725 +	PROP		☺
COLUMBIA	N7GZT	442.200 +	162.2		
COLUMBIA	N4EOY	443.000 +			
COLUMBIA	N5CWH	443.500 +	162.2		☺
COLUMBIA	KF4GHC	444.200 +	T156.7		☺
COWPENS	KE4EAN	443.625 +	T136.5		☺
EASLEY/SAS MTN	AC4RZ	444.925 +	T103.5		
FLORENCE	W4ULH	444.000 +			
FORT MILL	WZ4SC	443.475 +			☺
GAFFNEY	KC4IEV	442.000 +	114.8		☺
GREELEYVILLE	KG4AQH	441.525 +	PROP		
GREENVILLE	KB4PQA	442.250 +			
GREENWOOD	W4GWD	443.900 +	107.2		☺
GRNVLE/PARIS MT	ND4N	443.350 +			☺
KNIGHTSVILLE	WA4USN	441.350 +			
LANCASTER	KC4AC	444.100 +			
LAURENS	KD4HLH	443.175 +	T146.2		☺
LAURENS	KF4Y	443.775 +	T141.3		☺
LEXINGTON	N4GUP	421.250 +			
LIBERTY	N4VDE	443.975 +	PROP		
LITTLE MOUNTAIN	N4UHF	444.650 +	PROP		
LITTLE MT	NK4W	442.975 +	T162.2		
MOUNTAIN REST	AE4PZ	442.775 +	T127.3		☺
MT PLEASANT	W4HNK	443.800 +	123.0		
MT. PLEASANT	WA4USN	441.450 +	PROP		
MYB BCH/BRKSVIL	N4LV	444.525 +			
MYR BCH/CONWAY	W4GS	444.675 +	T85.4		☺
MYRTLE BEACH	K2PJ	444.575 +	85.4		☺
NO. CHARLESTON	KT4YW	444.600 +			
ORANGEBURG	N7GZT	442.200 +	T		
ORANGEBURG	N7GZT	444.875 +			
ORANGEBURG	WM3O	444.975 +			☺
PICKENS	WT4F	442.125 +			☺
PICKENS/CSRS HD	WB4QHF	442.400 +	T127.3		☺
ROCK HILL	KC4KPJ	444.725 +	PROP		☺
SIMPSONVILLE	N4GLB	442.725 +			☺
SPARTANBURG	KU4ZS	442.175 +	PROP		
SUMMERVILLE	KC4ED	442.300 +	T		
SUMMERVILLE	W4HNK	443.800 +			☺
SUMTER	WZ4O	421.250 +			
SUMTER	W4GL	444.150 +	123.0		☺
UNION	K4USC	442.100 +			☺
WALTERBORO	KG4BZN	444.550 +	123.0		

TENNESSEE

10 METERS

GALLATIN/BNA	W4CAT	29.640 -	T107.2		☺
GREENEVILLE	WB4NKM	29.640 -			
MEMPHIS	W4ZJM	29.620 -	T*#		
SPRINGFIELD	N8ITF	29.680 -	88.5		
TELLICO PLAINS	AJ4D	29.620 -	PROP		

6 METERS

CHATTANOOGA	K4VCM	53.350 -			☺
COOKEVILLE	WA4UCE	53.190 -	PROP		☺
DRESDEN	KE4OVN	53.710 -	T107.2		
GALLATIN	WA4BGK	53.050 -	T114.8		
GEORGETOWN	WD4OAR	53.730 -	PROP		
GUTHRIE (TN/KY)	KA4ZKL	53.230 -			
KINGSPORT	K4GX	53.430 -	PROP		
#KNOXVILLE	WA4YON	53.250 -	UNCOR		
KNOXVILLE	N4OQJ	53.550 -	PROP		
KNOXVILLE	W4BBB	53.770 -	1000.0		☺
KNXVL/ENG MT	WB4IOB	53.150 -			☺
LAFOLLETTE	K4BGW	53.170 -	PROP		
MARYVILLE	KC4PDQ	53.370 -			☺
MEMPHIS	WA4KOG	53.010 -			
MEMPHIS	K4RDK	53.550 -			
MEMPHIS	W4GMM	53.930 -	T107.2		☺
MONTEAGLE MTN	NQ4Y	53.450 -	114.8		☺
MORRISTOWN	KF4TFD	53.030 -	PROP		
MORRISTOWN	KQ4E	53.230 -			
NASHVILLE	WA4BGK	53.010 -	T114.8		
NASHVILLE	N4ARK	145.210 -			☺
OAK RIDGE	WD4GYN	53.110 -			
ROAN MTN	KD4SQB	53.310 -			
#ROGERSVILLE	K4GX	53.750 -	UNCOR		
SPRINGFIELD	N8ITF	53.150 -	107.2		
WAVERLY	NO4Q	53.090 -			☺

2 METERS

ALAMO	WB4EDS	147.135 +			
ANDERSON CTY	KF4BVQ	146.700 -	T100.0		☺
ARNOLD A.F.B.	KC4FV	147.195 +			☺
ATHENS	KG4FZR	145.150 -	T141.3		☺
ATHENS	WA4PNI	145.310 -	T141.3		☺
BENTON	K4SIR	145.450 -	T		
BLOUNTVILLE	W4CBX	147.000 +			☺
BOLIVAR	WD4OZN	147.045 +			☺
BRADEN	WA4KOG	145.490 -			
BRISTOL	W4UD	146.670 -			☺
BRISTOL	WD4CYZ	146.880 -			
BROWNSVILLE	KB4YTU	145.430 -			
BROWNSVILLE	KD4AOK	146.655 -			
BRSTL/HOLSTN MT	K4JP	146.760 -			
BRUCETON	WF4Q	145.170 -	T107.2		☺
BUCKSNORT	WF4Q	145.430 -	T107.2		☺
CARLISLE	KT4WS	145.250 -			☺
CARTHAGE	N4OTT	145.190 -			☺
CHARLESTON	KD4LDU	147.060 -	T141.3		
CHATTANOOGA	K4CMY	145.130 -			☺
CHATTANOOGA	W4AM	145.290 -	T118.8		☺
CHATTANOOGA	W4AM	145.390 -			☺
CHATTANOOGA	W4AM	146.610 -			☺
CHATTANOOGA	W4AM	146.790 -			☺
CLARKSVILLE	WD4SGA	147.000 +			☺
#CLARKSVILLE	KF4L	147.390 +	UNCOR		
CLEVELAND	W4GZX	146.925 -			☺
CLEVELAND	KD4NEC	147.105 +			☺
CLEVELAND	WD4DES	147.180 +	T118.8		☺
COLLEGEDALE	KA6UHV	147.000 +	T131.8		☺
COLLIERVILLE	WT4E	145.330 -	PROP		☺
COLUMBIA	W4GGM	147.120 +	T127.3		☺
COOKEVILLE	NQ4Y	145.110 -			☺
COOKEVILLE	WA4UCE	145.430 -			☺
COOKEVILLE	N4WS	147.210 +			☺
CORNERSVILLE	WB4VXX	146.625 -	107.2		
#CORNERSVILLE	KF4TNP	146.805 -	UNCOR		
CROSS PLAINS	K4BBN	147.345 +			☺
CROSSVILLE	W4EYJ	146.805 -	131.8		
CROSSVILLE	KF4DPU	146.865 -			
CROSSVILLE	KF4HNV	146.895 -	PROP		
CUMBERLAND CITY	WD4DBJ	145.330 -			
CUMBERLAND CITY	WA4TLZ	146.925 -	T127.3		
DANDRIDGE	WD4EGD	146.895 -	T		
DAYTON	K4PHT	147.345 +			
DAYTON/RHEA CTY	K4DPD	147.390 +			☺
DICKSON	KN4HL	147.375 +			☺
DOVER	N4VIH	145.410 -			
DRESDEN	KE4OVN	145.350 -	107.2		
#DYERSBURG	W4MV	146.745 -	UNCOR		☺
ELIZTON/HOLS MT	KF4ZQA	145.290 -	T100.0		☺
ERWIN/PINNACLE	N4WXS	145.250 -	T		
ERWIN/UNICOI	KF4BRS	147.165 +			
EVA	AD4QG	147.090 +			
FAYETTEVILLE	W4BV	147.030 +			☺
FRANKLIN	W4XS	145.150 -			
FRANKLIN	WA4JA	147.255 +			
FRUITLAND	WF4Q	146.775 -	T107.2		☺
GALLATIN	W4LKZ	147.240 +	T114.8		
GALLATIN	WA4YQC	147.270 +	T114.8		
GALLATIN	W4CAT	147.300 +	T114.8		☺
GERMANTOWN	W2GLJ	145.210 -			☺
GRAY	WM4T	145.110 -			
GREENBRIER	WQ4E	147.075 +	T107.2		
GREENEVILLE	W4WC	145.390 -			☺
GREENEVILLE	KB4UG	147.060 +	186.2		
GRNVL/VIKING MT	K4MFD	145.410 -	T173.8		☺
GTLBG/COVE MTN	WA4KJH	146.850 -	T127.3		
HARRIMAN	KA4QYI	146.640 -	T100.0		☺
HARRIMAN	KC4WHL	146.745 -			
HENDERSON	K4TC	147.105 +	T		☺
HUNTINGDON	KB4YTM	146.835 -			
JACKSON	KF4SC	145.310 -			☺
JACKSON	WF4Q	147.210 +	T107.2		☺
JACKSON	WB0TMC	147.270 +			
JAMESTOWN	K4NLP	147.090 +	T100.0		☺
JASPER	KD4XV	145.190 -	T127.3		☺
JOHNSON CITY	W4ABR	146.790 -			☺
JOHNSON CITY	KE4FH	147.270 +			
JONESBOROUGH	WD4OBW	146.925 -			☺
KNGSPT/BAYS MT	W4TRC	146.970 -			
KNOXVILLE	WB4GBI	145.170 -			
KNOXVILLE	WA4TEM	145.330 -			☺
KNOXVILLE	KB4KIE	145.370 -			
KNOXVILLE	WB4YLC	145.430 -			☺
KNOXVILLE	WB4GBI	145.470 -			
KNOXVILLE	WB4GBI	146.625 -	T100.0		
KNOXVILLE	KC4ROG	146.910 -	T		
KNOXVILLE	WB4GBI	146.940 -			
#KNOXVILLE	KD4CWB	147.000 -	UNCOR		
KNOXVILLE	WB4GBI	147.075 +			
KNOXVILLE	KD4CWB	147.195 +	PROP		
KNOXVILLE/RACK	W4BBB	145.210 -	T100.0		☺
KNOXVILLE/RACK	W4BBB	147.300 +	T100.0		☺
KNXVL/ENG MT	WB4IOB	146.730 -			☺
LAFAYETTE	KC4ECD	145.310 -	T151.4		☺
LAFOLLETTE	KA4OAK	145.130 -			
LAFOLLETTE	K4BGW	146.670 -			☺
LAFOLLETTE	KA4OAK	147.360 +			
LAKE CITY	WB4OAH	146.820 -			
LAVERNE	W4CAT	145.230 -			☺
LAWRENCEBURG	W4RDM	146.655 -	T		
LEBANON	WB4DOR	145.390 -			
LEBANON	W4LYR	147.105 +	T100.0		☺
#LEWISBURG	WB4VXX	147.390 +	UNCOR		☺
LIVINGSTON	W5BAK	147.045 +			☺
MANCHESTER	W4UOT	146.700 -	T114.8		
MARTIN	N4ABU	146.625 -			
MARYVILLE/ALCOA	W4OLB	146.655 -			☺
MAYNARDVILLE	KB4KIE	145.230 -			
MCEWEN	NO4Q	147.225 +			☺
MCMINNVILLE	WD4MWQ	146.970 -			
MCMINVL/SHT MT	WB4LHO	145.490 -			
MCNAIRY	WF4Q	147.075 +	T107.2		☺
MEDINA	WA4RWK	146.970 -			
MEMPHIS	KF4ATY	145.130 -	T107.2		
MEMPHIS	K0JXI	145.150 -			
MEMPHIS	N4ER	145.250 -	T146.2		
MEMPHIS	K5FE	145.410 -	T107.2		
MEMPHIS	WA4KOG	145.450 -			
MEMPHIS	WB4KQQ	146.640 -			
MEMPHIS	KE4LFZ	146.730 -	T107.2		☺
MEMPHIS	W4KIB	146.790 -	T107.2		
MEMPHIS	W4BS	146.820 -	T		
MEMPHIS	WA4KOG	146.850 -			
MEMPHIS	WA4KOG	146.880 -			
MEMPHIS	N4BSM	146.940 -	T107.2		
MEMPHIS	W4ZJM	147.000 -	T*#		
MEMPHIS	W4EM	147.030 +			☺
MEMPHIS	WA4MQQ	147.060 +			
MEMPHIS	W4GMM	147.090 +	T107.2		☺
MEMPHIS	N4WAH	147.120 +	T107.2		
MEMPHIS	WA4KOG	147.180 +			
MEMPHIS	WA4ADT	147.300 +	107.2		
MEMPHIS	W4BS	147.360 +	T107.2		
MONTEAGLE MTN	NQ4Y	145.410 -	T114.8		☺
MORGAN COUNTY	WD4ORB	147.330 +	T82.5		☺
MORRISTOWN	KQ4E	145.450 -			
MORRISTOWN	KQ4E	147.030 +			
MORRISTOWN	WB4OAH	147.225 +			
#MORRISTOWN	KQ4E	147.390 +	UNCOR		
MOUNTAIN CITY	KF4RBR	145.470 -	103.5		☺
#MT PLEASANT	KF4GHD	145.450 -	UNCOR		☺
MURFREESBORO	WB4LHO	145.170 -			
NASHVILLE	KC4WPS	145.130 -	T114.8		☺
NASHVILLE	N4ARK	52.525 +			☺
NASHVILLE	N4ARK	145.210 -			☺
NASHVILLE	WR3S	145.370 -			☺
NASHVILLE	N4ARK	145.470 -			☺
NASHVILLE	WA4PCD	146.610 -	T		
NASHVILLE	AF4TZ	146.640 -	T114.8		☺
NASHVILLE	AF4TZ	146.670 -	T114.8		☺
NASHVILLE	WA4PCD	146.760 -	T114.8		
NASHVILLE	W4SQE	146.790 -	T		☺
NASHVILLE	W4AY	146.850 -	T114.8		☺
NASHVILLE	WA4PCD	146.880 -	T		
#NASHVILLE	NT4L	146.955 -	UNCOR		
NASHVILLE	KC4PRD	146.985 -			
NASHVILLE	AF4TZ	147.015 +	T		☺
NASHVILLE	K4AYN	147.045 +			
NASHVILLE	K4ZGA	147.180 +	T114.8		
NASHVILLE	AF4TZ	147.360 +	T		☺
NASHVILLE WEST	WA4PCD	147.150 +	T114.8		
NASHVL/FAIRVIEW	N4ARK	145.110 -	151.4		☺
NOLENSVILLE	WD4JYD	145.350 -	114.8		☺
OAK RIDGE	W4SKH	146.880 -			☺
OAK RIDGE	W4SKH	146.970 -			☺
OAK RIDGE	K4EAJ	147.120 +	T82.5		☺
OAK RIDGE	K4EAJ	147.150 +	T82.5		☺
OAKFIELD	WA4BJY	147.390 +	T		
ONEIDA	KB4PNG	145.350 -	PROP		
#ONEIDA	KB4PNG	146.820 -	UNCOR		☺
PARIS	K4KLX	147.360 +			
PETROS/FRZ HD MT	KJ4SI	147.255 +			☺
PIGEON FORGE	KD4CLA	145.270 -	T100.0		
PIKEVILLE	KF4JPT	147.285 +			☺
PULASKI	WD4RBJ	147.330 +	100.0		☺
PULASKI/MUSIC MT	W4JVO	146.775 -			
PURYEAR	WA4CEX	147.165 +			
RAMER	WB4MMI	146.700 -	T107.2		☺
RCKWD/MT ROSVLT	AA4KS	147.015 +			☺
RIDGETOP	K4DXC	145.290 -	114.8		☺
RIPLEY	KE4NTL	145.230 -	T100.0		☺
ROGERSVILLE	KD4HZN	147.315 +	T114.8		☺
SALTILLO	KB4JUB	146.715 -			
SARDIS	AF4OQ	147.195 +	T94.8		
SELMER	WB4MMI	146.805 -	T107.2		☺
SHELBYVILLE	N4VFB	147.060 +			
SHILOH	WF4Q	145.290 -	T107.2		☺
SHORT MTN	W4YXA	146.910 -			
SOMERVILLE	KF4OID	145.110 -	107.2		
SPARTA	N4ARK	147.315 +	T123.0		☺
SPARTA/WHITE	KR4BT	147.165 +	T123.0		☺
TELLICO PLAINS	AJ4D	147.315 +	T141.3		
TRENTON	KN4KP	146.865 -			
UNION CITY	WA4YGM	146.700 -			
UNION CITY	WF4Q	147.015 +	T107.2		☺
WALLAND	KF4ARH	146.685 -	T88.5		
WARTBURG	AA4YQ	146.745 -	PROP		☺
WATERTOWN	K4EHL	146.730 -	T100.0		☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

TENNESSEE REPEATERS CONTINUE

WATERTOWN	W4LYR	146.835 -	T100.0	☺
WINCHESTER	W4UOT	146.820 -		☺

220 MHZ

BLOUNTVILLE	W4CBX	224.200 -		☺
CHATTANOOGA	K4VCM	224.780 -		☺
CLEVELAND	KK4US	224.320 -		
COALFIELD	KC4WGH	224.840 -	T88.5	☺
COLLIERVILLE	KB4YGI	224.400 -		
ERWIN	KB8FPK	224.180 -	88.5	☺
GALLATIN	W4CAT	223.980 -	107.2	☺
GALLATIN	KD4VUW	224.700 -		
GATLINBURG	W4UWH	224.620 -		
GREENBRIAR	WQ4E	224.800 -		
GREENBRIER	WQ4E	224.760 -		
GREENEVILLE	WB4NKM	224.940 -		
HERMITAGE	WB4SJV	223.900 -		
JC/BUFFALO MT	KE4FH	224.780 -		
KNOXVILLE	WB4GBI	224.340 -	PROP	
KNOXVILLE	N4OQJ	224.380 -	100.0	
KNOXVILLE	N4KFI	224.580 -	T103.5	
KNOXVILLE	K4PCK	224.760 -		☺
KNOXVILLE/RACK	W4BBB	224.500 -	T100.0	☺
KNXVL/CROSS MT	KB4FZK	224.220 -	T100.0	
LAFOLLETTE	KA4OAK	224.280 -		
LAVERGNE	WR3S	224.360 -		☺
LEWISBURG	KF4TNP	224.100 -		
MEMPHIS	W4ZJM	223.940 -	T*#	
MEMPHIS	W4BS	224.420 -		
MEMPHIS	WA4KOG	224.780 -		
MORRISTOWN	N4RBB	224.400 -		
MORRISTOWN	KC4RGQ	224.640 -		
MURFREESBORO	KD4TZZ	224.600 -	123.0	☺
NASHVILLE	WR3S	224.160 -		
#NASHVILLE	KC4TFQ	224.440 -	UNCOR	
NASHVILLE	WR3S	224.460 -		
NASHVILLE	K4ZGA	224.480 -		
NASHVILLE	WR3S	224.660 -		
NASHVILLE	N4PYI	224.740 -	T100.0	☺
NASHVILLE	KC4PRD	224.840 -		
NASHVILLE	WA4PCD	224.940 -	T	
NEWPORT	AC4JF	224.560 -	T100.0	☺
ONEIDA	KB4PNG	224.140 -		☺☺
ROGERSVILLE	KD4HZN	224.480 -		☺
S. PITTSBURG	WR3S	224.760 -		
SE NASHVILLE	WR3S	224.960 -		
SEVIERVILLE	N2FUV	224.440 -	T	
SEVIERVILLE	KD4IBW	224.700 -	T100.0	
SEVIERVILLE	KD4IBW	224.800 -		
SHORT MTN.	N4PYI	224.260 -	T114.8	☺☺
SIGNAL MT	W4RRG	224.920 -	PROP	☺
SMITHVILLE	WR3S	223.960 -		☺☺
SPRINGFIELD	KO4BN	224.220 -		
SPRINGFIELD	N8ITF	224.540 -	107.2	
SWEETWATER	WD9JGI	224.900 -	T127.3	

440 MHZ

ALAMO	WB4EDS	443.750 +		
ARNOLD A.F.B.	KC4FV	443.950 +		☺
BARTLETT	K4VVM	443.700 +	T107.2	
BARTLETT	WA4PAJ	444.250 +		
BIG SANDY	W4TLB	443.600 +	114.8	☺
BRSTL/HOLSTN MT	K4JP	444.500 +		
CHAT/MNTLAKE MT	KD4UWA	444.875 +	T156.7	
CHAT/WALDEN	AF4ZJ	442.425 +		
CHATT/HIXSON	N4WT	442.900 +		☺
CHATTANOOGA	WJ9J	442.150 +		☺
CHATTANOOGA	KT4OL	443.125 +	PROP	☺
CHATTANOOGA	KT4OL	443.125 +	PROP	☺
CHATTANOOGA	WB4LRD	443.550 +		
CHATTANOOGA	KD4MSS	443.750 +	PROP	
CHATTANOOGA	KD4HII	443.900 +	T	
CHATTANOOGA	W4AM	444.100 +		☺
CHATTANOOGA	KE4LQY	444.150 +		☺
CHATTANOOGA	KD4HII	444.200 +	T	
CLARKSVILLE	WA4BZU	444.325 +	T107.2	☺
CLARKSVILLE	KF4GP	444.950 +	T167.9	
CLEVELAND	WD4DES	442.250 +	T118.8	☺
CLEVELAND	KD4NED	442.450 +	PROP	
CLEVELAND	W4GZX	444.275 +		☺
COLLEGEDALE	KA6UHV	443.575 +	T131.8	☺
COLLIERVILLE	KA7UEC	443.300 +	107.2	☺
COLLIERVILLE	KA7UEC	443.625 +	T107.2	☺
COLLIERVILLE	WT4E	444.625 +	T107.2	☺
COLUMBIA	W4RDM	442.725 +		
COLUMBIA	WA4AKM	444.925 +	T107.2	☺
COOKEVILLE	WA4UCE	442.300 +	107.2	☺
COOKEVILLE	NQ4Y	444.550 +	T107.2	☺
COOKEVILLE	WS4S	444.600 +	T107.2	
CROSSVILLE	W4EYJ	444.950 +	T118.8	
CUMBERLAND CITY	WD4DBJ	443.400 +		
DAYTON	KJ4BJ	442.075 +		☺
DEASON	WA4AWI	443.350 +	T107.2	
DECATUR	KE4MBR	442.725 +	PROP	
DOVER	N4VIH	444.925 +		
DRESDEN	KA4BNI	442.150 +	107.2	☺
DRESDEN	KE4OVN	443.850 +	T107.2	
ETOWAH	KF4CFO	442.275 +	141.3	☺
EVA	AD4QG	443.625 +		
FRANKLIN	N4ULM	443.850 +		
FRANKLIN	WA4AKM	444.725 +	T107.2	☺
GALLATIN	WD4BKY	444.000 +	T107.2	
GALLATIN	WD4BKY	444.350 +	T114.8	
GALLATIN	W4CAT	444.450 +	T107.2	☺
GALLATIN	WA4AKM	444.775 +	T107.2	☺
GATLBG/COVE MT	WA4KJH	443.300 +	T127.3	
GATLINBURG	KD4PBC	443.150 +	PROP	
GERMANTOWN	W2GLJ	444.175 +		☺
GOODLETTSVILLE	KC4PRD	443.125 +	107.2	
GRAY	WM4T	442.200 +	T100.0	
GREENBRIER	WQ4E	444.250 +		
GREENEVILLE	W4WC	443.200 +	100.0	
GREENEVILLE	WB4NKM	444.650 +	T100.0	
GREENEVILLE	K4GX	444.950 +	PROP	
HARRIMAN	KC4WHL	442.875 +	T136.5	
HARRIMAN	KC4WHL	444.025 +		
HENDERSON	KE4PFW	442.275 +		
HENDERSON	K4TC	444.750 +	T	☺
HICKORY VALLEY	KA4JXT	443.125 +	107.2	☺
HIXSON	KF4VWJ	444.750 +	PROP	
HOHENWALD	WB4NNX	442.000 +		☺
HUNTINGDON	KB4YTM	444.375 +		
JACKSON	KA4BNI	442.425 +	107.2	
JACKSON	KE4CES	442.900 +	T114.8	☺
JACKSON	WB0TMC	444.725 +	T107.2	
JAMESTOWN	KC4MJN	443.625 +	T100.0	
JASPER	KD4XV	442.050 +	T127.3	☺
JEFFERSON CITY	KD4TUD	444.625 +	T	
JOHNSON CITY	KE4FH	444.100 +		
JOHNSON CITY/BUF	WD4ATV	421.250 +		☺
JOHNSON CITY/HOL	WB4SQC	442.050 +	T100.0	☺
KNOX/ENGLSH MT	WB4HAP	444.600 +		☺
KNOXVILLE	WB4HAP	442.500 +	T103.5	☺
KNOXVILLE	N4UAG	443.025 +		
KNOXVILLE	KA4AZQ	443.075 +	PROP	
KNOXVILLE	KD4CWB	443.500 +	T	
KNOXVILLE	KA4AZQ	443.800 +	T100.0	
KNOXVILLE	KD4OBX	443.950 +		
KNOXVILLE	KD4CWB	444.000 +	PROP	
KNOXVILLE	KC4NNN	444.175 +	T	
KNOXVILLE	WB4GBI	444.300 +		
KNOXVILLE	KB4KSL	444.325 +		
KNOXVILLE	KC4NNN	444.425 +	T	
KNOXVILLE	KD4IBW	444.525 +	T100.0	
KNOXVILLE	KD4TZD	444.925 +		☺
KNOXVILLE/RACK	W4BBB	444.575 +	T100.0	☺
LAFAYETTE	KC4ECD	444.125 +	T107.2	☺
LAFOLLETTE	KB4OTK	443.700 +		☺
LAKE CITY	WD4LUR	442.800 +	T100.0	
LAVERGNE	WR3S	443.975 +	T	
LEBANON	WA4AWI	443.275 +	T107.2	
LEBANON	W4LYR	443.575 +	T100.0	☺
LEBANON	WA4AXH	444.275 +	T	
LEWISBURG	KF4TNP	442.100 +	107.2	
LEWISBURG	KG4JJB	444.075 +	107.2	
LEXINGTON	KA4BNI	442.075 +	107.2	
LORETTO	KF4OCK	442.875 +	203.5	
MARYVILLE	K4BTL	442.000 +		
MARYVILLE	KC4PDQ	444.075 +	100.0	☺
MARYVILLE	KE4FGW	444.825 +	T100.0	☺
MCEWEN	KE4KNZ	443.925 +	T	
MCKENZIE	KD4KPV	443.875 +		
MCMINNVILLE	WD4MWQ	444.850 +	T	
MCNAIRY	WF4Q	444.550 +	T107.2	☺
MEDINA	WA4BJY	442.050 +		
MEMPHIS	W4GMM	442.175 +	T107.2	☺
MEMPHIS	NU5O	442.575 +	77.0	☺
MEMPHIS	WB4EPG	442.625 +		
MEMPHIS	WF4G	442.825 +		
MEMPHIS	W4ZJM	443.000 +	T*#	
MEMPHIS	KA4JXT	443.100 +	T107.2	☺
MEMPHIS	KA4JXT	443.125 +	T	☺
MEMPHIS	W4BS	443.200 +	T107.2	
MEMPHIS	WA4QWW	443.400 +		
MEMPHIS	N4ER	443.950 +	T	☺
MEMPHIS	K4RDK	444.025 +		
MEMPHIS	KF4ATY	444.075 +	107.2	
MEMPHIS	KA4JXT	444.100 +	T	☺
MEMPHIS	KA4JXT	444.125 +	T	☺
MEMPHIS	WA4KOG	444.400 +		
MEMPHIS	N4WAH	444.500 +	T	
MEMPHIS	K0JXI	444.800 +		
MEMPHIS	K5FE	444.825 +	107.2	
MEMPHIS	K7AG	444.850 +	T107.2	
MEMPHIS	WB4NNE	444.950 +		
MILAN	WD4PAX	442.100 +		☺
MONROE CO	KG4KIJ	443.725 +	PROP	
MONTEAGLE MT.	NQ4Y	441.250 +		☺
#MORRISTOWN	KD4LP	444.800 +	UNCOR	
MORRISTOWN	KQ4E	444.975 +	T	
MOUNTAIN CITY	K4DHT	443.925 +	T103.5	☺
MT JULIET	N4PYI	444.400 +	T	☺
MT JULIET	N4PYI	444.750 +	T156.7	☺
MT PLEASANT	KF4TNP	443.175 +	107.2	
MURFREESBORO	KD4TZZ	441.875 +	107.2	☺
NASHVILLE	AF4TZ	421.250 +		☺
#NASHVILLE	WB4PUB	443.050 +	UNCOR	
NASHVILLE	KB5YJC	443.725 +	T107.2	☺
NASHVILLE	N4PYI	444.050 +	T107.2	☺
NASHVILLE	AF4TZ	444.150 +	T107.2	☺
NASHVILLE	N4ARK	444.200 +	T	☺
NASHVILLE	N4ARK	444.225 +	T114.8	☺
NASHVILLE	WA4BZU	444.300 +	T107.2	☺
NASHVILLE	WA4BGK	444.525 +	T107.2	
NASHVILLE	WA4PCD	444.550 +		
NASHVILLE	WA4WCK	444.575 +	T	☺
NASHVILLE	WA4TOA	444.625 +	T107.2	☺
NASHVILLE	WA4PCD	444.675 +	T	
NASHVILLE	N4PYI	444.800 +	T110.9	☺
NASHVILLE	WA4AKM	444.875 +	T107.2	☺
NASHVILLE	WA4AKM	444.975 +	T107.2	☺
NOLENSVILLE	WA4AXH	443.650 +	T	
OAK RIDGE	K4EAJ	444.400 +	T82.5	☺
OAKFIELD	WA4BJY	442.200 +	T	
ONEIDA	KT4PN	442.825 +		
PARIS	KC4YLL	442.950 +	123.0	
PARIS	AD4LR	443.675 +		
PIGEON FORGE	KD4CLA	444.350 +	T156.7	
PROSPECT	WA4AUX	444.600 +	T118.8	
PULASKI	WD4RBJ	442.150 +	118.8	☺
RAMER	WB4MMI	444.900 +	T	☺
RCKWOOD/OZONE	WJ9J	442.225 +		☺
ROCKWOOD	KA4WJS	443.975 +		
ROGERSVILLE	K4GX	443.350 +	T	
SEVIERVILLE	KD4IBW	443.675 +	T100.0	
SEVIERVILLE	N4CKB	444.725 +	T123.0	☺
SHELBYVILLE	WA4PZN	442.700 +	T	
SHELBYVILLE	KC4KRM	443.825 +		
SHRT MT/MURFREEB	W4CAT	444.650 +	T107.2	☺
SMITHVILLE	N4PYI	444.825 +	T107.2	☺
SODDY DAISY	WJ9J	444.450 +		☺
SPARTA	KR4BT	444.375 +	123.0	☺
SPENCER	KA4MHJ	443.775 +	123.0	☺
SPRINGFIELD	N8ITF	442.600 +	107.2	
SUMMITVILLE	N4ZKR	444.475 +	T107.2	☺
TRI-CITIES	KD4PBC	443.150 +	PROP	
WATERTOWN	W4LYR	444.900 +	T100.0	☺
WAVERLY	NO4Q	442.225 +	110.9	☺
WHITE HOUSE	W4KOC	443.900 +	T107.2	☺
WHITE OAK MT	WD4OAR	442.925 +	100.0	☺

920 MHZ

LEWISBURG	KF4TNP	920.500 -	PROP	
MORRISTOWN	KQ4E	920.800 -		
NASHVILLE	K4ZGA	923.250 -		

1270 MHZ

LEWISBURG	KF4TNP	1285.300	-PROP	
MEMPHIS	N4HKS	1292.000	-	
NASHVILLE	WA4AKM	1284.400	-	☺
NASHVILLE	KD4EEW	439.250 +		
SMITHVILLE	WA4AKM	1286.500	-	☺

VIRGINIA

10 METERS

FANCY GAP	KE4QOX	29.660 -	T123.0	☺
NEWPORT NEWS	W4CM	29.600 +		
STERLING PARK	KD4DN	29.680 -		

6 METERS

ALEXANDRIA	W4HFH	53.130 -		
AMELIA	WB3R	53.390 -		
AMELIA COURTHSE	KB4YKV	53.110 -		
BALD TOP MT	AD4CG	53.910 -		
BEDFRD/THAX MT	N4CH	53.150 -		☺
BLUEFIELD	N8RIG	53.370 -	PROP	
BULLRUN	K8GP	53.450 -		
CHESTERFIELD	KD4SUU	53.430 -		
DANVILLE(DCC)	WB4GJG	53.130 -	T	
FANCY GAP	WA4CQK	53.290 -	T100.0	
GATE CITY	N4WWB	53.210 -		☺
GUM SPRING	KB4MIC	53.070 -	203.5	☺
HAMPTON	WA4OHX	53.890 -		
LEXNGTN/ROCK MT.	KI4ZR	53.010 -		☺
LYNCHBURG	KE4KEH	53.570 -	103.5	☺
MCCLEAN	K6LEW	53.370 -		
NEWPORT NEWS	KT4QW	53.250 -	T	☺
PEARISBURG	KE4JYN	53.470 -	T107.2	
RICE	KE4SFU	53.170 -		
ROANOKE	N4CH	53.250 -		☺
ROANOKE/POOR MT	WB8BON	53.090 -		☺
ROCKY MT/FERRUM	WD4KZK	53.270 -	T107.2	
VESTA	N4GBO	53.430 -	PROP	
WHITE TOP MTN	KB4YFV	53.650 -		

2 METERS

ABINGDN/BRMLY MT.	K4JP	146.610 -		
ABINGDON	NM4L	147.345 +	T103.5	☺
ACCOMAC	K4BW	147.255 +	T156.7	☺
ALEXANDRIA	K4US	146.655 -		

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

VIRGINIA REPEATERS CONTINUE

ALEXANDRIA	W4HFH	147.315 +		
ALTAVISTA	WA4ISI	146.655 -		☺
AMELIA	WB3R	145.190 -		
AMELIA COURTHSE	KB4YKV	147.180 +		
AMHERST	K4CQ	145.490 -	T136.5	☺
ARLINGTON	WB4MJF	145.150 -		
ARLINGTON	WB4MJF	145.470 -		
ARLINGTON	KF4JPC	146.625 -		
BEDFORD	N4CH	145.230 -		☺
BEDFORD	WB4JBJ	147.105 +		☺
BEDFRD/APL ORCH	WA1ZMS	146.685 -	T100.0	☺
BIG "A" MTN	KD4TC	146.805 +	T103.5	☺
BLACKSBURG	W9KIC	146.715 -		☺
BLAND	N4AZJ	145.350 -	T103.5	☺
BLUEFIELD	KD8XK	145.250 -	T100.0	☺
BLUEFIELD	W8MOP	145.490 -		☺
BLUEFIELD/ONEIDA	WZ8E	146.955 -	100.0	☺
BLUEMONT	WA4TSC	147.300 +		
BOYDTON	KD4ZTK	147.240 +		
CHARLOTTESVILLE	WA4TFZ	146.760 -	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	146.925 -		☺
CHESAPEAKE	WA4YSE	146.610 -		
CHESAPEAKE	N4SD	146.790 -		
CHESAPEAKE	W4CAR	146.820 -	T162.2	
CHESTERFIELD	KD4KWP	145.310 -	127.3	
CHESTERFIELD	KA4CBB	147.360 +		☺
#CLINCHCO	KK4MW	146.985 -	UNCOR	
CLINCHCO	KB4RFN	147.150 +	T88.5	
#CLINCHCO	WD4CYZ	147.255 +	UNCOR	
COEBURN	AD4OV	145.430 -	103.5	☺
COVINGTON	WA4HTI	146.805 -		☺
CULPEPER	AF4CY	145.410 -		
CULPEPER	W4CUL	147.120 +		
DANVILE/WHT OAK	K4AU	146.700 -	107.2	☺
DANVILLE(DCC)	WB4GJG	146.925 -	T107.2	
DUBLIN	W4CBM	146.670 -		
DULLES AIRPORT	W4DLS	145.310 -		
EASTVILLE	KC4KMY	147.345 +	T156.7	☺
ELK CRK/IRON MT	N4MGQ	147.240 +	T107.2	☺
ENON	WB4VWR	147.060 +	T107.2	☺
FAIRFAX	K4KXK	146.790 -		
FARMVILLE	KE4ZBH	145.330 -		☺
FARMVILLE	KE4ZBH	146.910 -		☺
FARMVILLE	N4CFA	146.955 -	T136.5	☺
FINCASTLE	W4WIC	146.640 -		☺
FOREST	AG4AN	146.775 -	PROP	
FRANKLIN	W4LG	147.300 +	T131.8	☺
FREDERICKSBUR	K4TS	147.015 +		
GALAX/BRIRP MT	W4BRC	147.090 +		☺
GALAX/LKOUT MT	N4VL	145.130 -	T103.5	☺
GARRISONVILLE	N4NW	145.270 -		
GATE CITY	N4WWB	146.820 -	T	☺
GLOUCESTER	W4HZL	145.370 -	T	☺
GOOCHLAND	N4TZE	147.090 +		
GREENBAY	K4ARO	145.150 -		
GRUNDY	K4HWQ	147.315 +		
GRUNDY/BIG A MT	KK4EH	146.835 -		☺
GUM SPRING	WB4IKL	147.270 +		☺
HAMPTON	WA4OHX	145.490 -		
HAMPTON	W4QR	146.730 -		☺
HAMPTON	K4UMI	146.940 -	T	
HAMPTON	KA4VXR	147.225 +	T136.5	
HARRISONBURG	N4YET	145.130 -		
HARRISONBURG	N4RAG	146.895 -		
HARRISONBURG	N4RAG	147.225 +		
HARRISONBURG	N4YET	147.315 +		
HIGH KNOB MT	K4QZJ	145.210 -		
JARRATT I-95	K4SVA	146.625 -	T100.0	☺
KINGS CROSSING	N5GQD	147.150 +		
LEXINGTON	KI4ZR	147.300 +	131.8	☺
LEXNGTN/ROCK MT	KI4ZR	147.330 +		☺
LURAY	KE4JSV	147.030 +		
LYNCHBURG	KC4RBA	145.370 -	186.2	☺
LYNCHBURG	W4WWQ	146.610 -	136.5	☺
LYNCHBURG	AB4M	147.015 -	T131.8	☺
LYNCHBURG	WA4RTS	147.195 +	T136.5	☺
MANASSAS	W4OVH	146.970 -		
MARION	N4QLF	146.640 -	T103.5	
MARTINSVILLE	KF4KVG	147.285 +	T107.2	☺
MCLEAN	W4CIA	147.210 +		
MECHANICSVILLE	W4TTL	146.805 -	PROP	☺
MONTEREY	WD4ITN	147.180 +	T100.0	☺
MONTPELIER	KQ4RH	145.250 -	T	☺
MOUNTAIN LAKE	WZ8E	146.865 +	110.9	☺
MT.LAKE/BALD KNB	K4TUE	146.910 -	107.2	☺
NEWMARKET	W3MMC	146.625 -		
NEWPORT NEWS	W4MT	145.230 -	T100.0	☺
NEWPORT NEWS	W4CM	147.165 +		
NORFOLK	WA4ZUA	145.170 -	136.5	☺
NORFOLK	W4VB	145.330 -		☺
NORFOLK	KF8PT	146.700 -	PROP	
NORFOLK	AD4ZK	147.075 +		☺
NORTON	KF4VDF	146.865 -	T103.5	
NORTON/HIGH KNB	K4AXO	147.015 -	T88.5	
PAGECO	KD4DDI	146.670 -		
PATRICK SPRINGS	WB8POC	147.120 +	T107.2	☺
PEARISBURG	N4AZJ	147.135 +	T100.0	☺
PEARISBURG	W4NRV	147.375 +	T100.0	☺
PETERSBURG	KE4SCS	146.985 -	PROP	☺
PETERSBURG	K4ARO	147.390 +		
PKS KB/PULASKI	N4NRV	147.180 +	T103.5	☺
PORTSMOUTH	W4POX	146.850 -		☺
QUANTICO	#W4NFR	147.345 +		
RADFORD/RINER	N3ZE	145.150 -		☺
RICHMOND	K4YPE	145.110 -		☺
RICHMOND	W4SQT	145.430 -		☺
RICHMOND	WB4QEY	146.640 -		
RICHMOND	W4RAT	146.880 -		☺
RICHMOND	W4ZA	146.940 -		☺
RICHMOND	WA4JST	147.030 -		
RICHMOND	KC4VDZ	147.135 +	T107.2	☺
ROANOKE	N2EDE	145.210 -	107.2	☺
ROANOKE	N4AP	146.940 -		
ROANOKE/POOR MT	K4ARO	145.390 -	T107.2	
ROANOKE/POOR MT	K4ROA	146.745 -	T107.2	☺
ROANOKE/POOR MT	W4CA	146.985 -		
ROANOKE/POOR MT	KB4QWO	147.270 +		☺
RUSTBURG	N4UTN	145.290 -	T	☺
RUSTBURG/LONG MT	N4UTN	146.835 -	T173.8	☺
SALEM	WA4V	146.880 -		
SALUDA	AA4HQ	145.450 -		☺
SMITHFIELD	WT4RA	147.195 +	T100.0	☺
SOUTH BOSTON	KF4LWH	145.350 -		
SOUTH BOSTON	KF4AGO	147.060 -		
SOUTH HILL	N4ZCM	145.470 -		
SPOTSYLVANIA	K4MQF	146.775 -		
STAUNTON	KD4KAU	145.450 -	T131.8	
STAUNTON	KD4WWF	146.700 -	T131.8	
STAUNTON	WA4ZBP	146.850 -	T131.8	
STAUNTON	W4WRN	146.970 -		
STAUNTON/EL.KB	KE4CKJ	147.045 +	T131.8	☺
STERLING	WA4TXE	146.700 -		
STUARTS DRAFT	KB4QLM	147.360 +		☺
SUFFOLK	W4LG	147.000 -	T100.0	☺
TYSONS CORNER	KF4QQP	146.910 -		
VIENNA	K4HTA	146.685 -		
VIRGINIA BEACH	WA4KXV	146.895 -		☺
VIRGINIA BEACH	WA4KXV	146.970 -		☺
VIRGINIA BEACH	WA4SBC	147.045 +		
WALKERTON	W4TTL	146.715 -		☺
WARRENTON	KB3BOI	145.350 -		
WARRENTON	NZ4N	147.165 +		
WARSAW	KA4ZIP	147.285 +		☺
WAYNESBORO	W4PNT	147.075 +		☺
WILLIAMSBURG	KF4ADM	145.410 -	127.3	
WILLIAMSBURG	K4RC	146.670 -	T	
WILLIAMSBURG	KB4ZIN	146.760 -		☺
WILLIAMSBURG	KB4ZIN	147.105 +		☺
WINCHESTER	KB3BOI	145.350 -		
WINCHESTER	W4RKC	146.820 -		
WOODBRIDGE	W4IY	147.240 +		
WYTH/WALKER MT	WB3T	146.895 -	T103.5	☺
WYTHEVILLE	WB3T	146.775 -	T107.2	☺

220 MHZ

ARLINGTON	WB4MJF	224.060 -		
ARLINGTON	WB4MWF	224.620 -		
BEDFORD	N4PLV	224.840 -		
BEDFRD/APL ORCH	WA1ZMS	224.180 -	T100.0	☺
BELL KNOB	WD4KHP	224.440 -		
BERRYVILLE	WD4KHP	224.400 -		
BERRYVILLE	WD4KHP	224.740 -		
BLUEFIELD	N8FWL	224.440 -	PROP	☺
BLUEFIELD	WA8O	224.920 -		
BLUEMTN	KF4VED	224.160 -		
CHARLOTTESVILLE	N4HRV	224.140 -	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	224.760 -		☺
DELTAVILLE	AA4HQ	224.900 -		☺
FAIRFAX	WB4YHD	224.100 -		
FANCY GAP	K4DQ	224.880 -	T100.0	
GLOUCESTER	W4GSF	224.620 -		☺
HAMPDEN-SYDNEY	W4JAS	224.200 -		
HAMPTON	WB4PVT	224.540 -	T100.0	☺
HARRISONBURG	N4YET	224.820 -		
HAYMARKET	WD4KHP	224.420 -		
HAYMARKET	WD4KHP	224.720 -		
LAKE GASTON	W4LG	224.600 -		☺
LEESBURG	N0NW	224.020 -		
LOVETTSVILLE	WB4FUJ	224.460 -		
LURAY	KE4JSV	224.360 -		
LYNCHBURG	AB4M	224.280 -		☺
MANASSAS	W4OVH	224.660 -		
MARTINSVILLE	K4RCA	224.500 -		
NORFOLK	KC4JGC	224.740 -	T100.0	
NORTON/HIGH KNB	WD4GSM	224.420 -		
PATRICK SPRINGS	WB8POC	224.420 -	T103.5	☺
PEARISBURG	KQ4Q	224.860 -	107.2	☺
PETERSBURG	K4ARO	224.700 -		
RIDGEWAY	WS4W	224.380 -	T	
ROANOKE	N4CH	224.100 -		☺
ROANOKE/CAHAS MT	AB4EM	224.940 -		
ROANOKE/TINKER	K4YDG	224.900 -		☺
STAUNTON/EL KNOB	KE4CKJ	224.300 -	T131.8	☺
STUART	WB4GUG	224.200 -	T107.2	☺
TYSONS CORNER	KM4OI	224.340 -		
TYSONS CORNER	WD4KHP	224.420 -		
WAYNESBORO	KA4RCL	224.680 -	T131.8	
WINCHESTER	N3HXT	224.220 -		
WOODBRIDGE	W4IY	224.780 -		
WYTHEVILLE	N8FWL	224.680 -	PROP	☺

440 MHZ

ABINGDON	KB8KSP	442.975 +	T100.0	☺
ACCOMACK	K4BW	444.300 +	T156.7	☺
ALTAVISTA	WA4ISI	444.425 +	100.0	☺
AMELIA	KB4YKV	443.200 +		
ARLINGTON	KD4DSX	448.625 -		
ARLINGTON	W8HNT	449.325 -		
ARLINGTON	WB4MJF	444.150 +		
ARLINGTON	K4AF	444.550 +		
BASSETT	KF4RMT	442.725 +	PROP	
BEDFORD	N4CH	444.350 +		☺
BEDFRD/APL ORCH	WA1ZMS	442.650 +	T100.0	☺
BEDFRD/APL ORCH	WA1ZMS	443.800 +	T100.0	☺
BELL KNOB	WD4KHP	449.825 -		
BENT MT	K4YD	443.675 +	PROP	
BERRYVILLE	WB2KPH	447.475 -		
BIG A MTN	KB4WTP	444.875 +		☺
BLUEFIELD	W8MOP	442.450 +	PROP	
BLUEFIELD	W8MOP	444.450 +		☺
BLUEFIELD	WZ8E	444.625 +		☺
BLUEFIELD/ONEIDA	WB3T	443.325 +	T103.5	☺
BLUEMONT	WA4TSC	449.925 -		
BLUEMONT	WA4TSC	449.925 -		
BULL RUN MT	WA3KOK	447.775 -		
CHARLOTTESVILLE	KF4UCI	442.075 +	T151.4	☺
CHARLOTTESVILLE	WA4TFZ	444.250 +	T151.4	☺
#CHARLOTTEVILLE	KF4UCI	444.775 +	UNCOR	☺
CHESAPEAKE	W4CAR	444.000 +	T162.2	
CHESTERFIELD	WA3KOK	443.075 +	PROP	
CHESTERFIELD	KD4SUU	442.150 +		
CHESTERFIELD	WA3KOK	442.450 +	PROP	
COPPER RIDGE	KB4WTP	444.550 +	PROP	☺
COVINGTON	WA4PGI	442.250 +	T100.0	☺
DALE CITY	N8BOR	443.100 +		
DANVILE/WHT OAK	K4AU	444.700 +		☺
DANVILLE	KQ4I	443.850 +		☺
ENON	WB4VWR	444.200 +		☺
ENON	W4RDF	444.275 +	T114.8	
FAIRFAX	K4HTA	448.375 -		
FAIRFAX	WD4KHP	449.775 -		
FALLS CHURCH	WB4UNB	447.425 -		
FALLSCHURCH	KF4LWJ	444.300 +		
FANCY GAP	WD4ICX	433.200 +		
FANCY GAP	WB3T	444.050 +	T103.5	☺
FANCY GAP	N4OWU	444.375 +	T107.2	
FANCY GAP	N4XRY	444.900 +		
FANCY GAP	KD4FWS	444.925 +	100.0	
FOREST	AG4AN	442.475 +	PROP	
FOREST	W8CXD	443.600 +	T136.5	☺
FOREST	WD4KQI	444.750 +		☺
FRONT ROYAL	N4MKH	449.225 -		
GASBURG	W4LG	442.000 +		☺
GATE CITY	N4WWB	444.700 +		☺
GLOUCESTER	N4XND	421.250 +		
GRETNA/SMITH MT	KD4TBC	444.075 +	T123.0	
GUM SPRING	KB4MIC	442.800 +		☺
HAMPTON	K4UMI	443.650 +		
HAMPTON	WA4OHX	443.750 +	100.0	
HAMPTON	W4QR	444.550 +	T167.9	☺
HARRISONBURG	N4YET	444.600 +		
HAYMARKET	KT4ER	448.325 -		
HAYMARKET	N3AUY	449.025 -		
HERNDON	N4LXI	443.000 +		
HIGHKNOB	N1TXI	447.725 -		
HILLSVILLE	KB4YFV	442.125 +	T103.5	
INDEPENDENCE	KF4ZIG	443.375 +	T103.5	☺
JONESVILLE	WB4IVB	442.575 +	T100.0	
LEXINGTON	KI4ZR	444.300 +		☺
LEXNGTN/ROCK MT	KI4ZR	444.150 +		☺
LORTON	WD4KHP	449.725 -		
LYNCHBG/JACK MT	KF4YI	442.400 +	T107.2	
LYNCHBRG/TOB MT	K4CQ	444.500 +	T136.5	☺
LYNCHBURG	KB4CVN	420.050 +	PROP	☺
LYNCHBURG	K4CQ	923.250 -		☺
LYNCHBURG	AB4FU	442.950 +	T	
LYNCHBURG	KC4RBA	443.450 +	186.2	☺
LYNCHBURG	W4WWQ	444.550 +	T136.5	☺
LYNCHBURG/T.ROW	N4IFC	442.200 +	T103.5	
MADISON	N8HON	444.400 +		
MANASSAS	W4OVH	442.200 +		
MARION	WB3T	443.125 +	T103.5	☺
MARTINSVILLE	KF4RMT	443.825 +	T107.2	
MEADOWS OF DAN	WG4R	444.250 +	T103.5	☺
NEWPORT NEWS	W4MT	442.900 +	T100.0	☺
NORFOLK	AD4ZK	444.475 +	T127.3	☺
NORFOLK	WD4MIZ	444.675 +	T107.2	☺
OILVILLE	KB4MIC	444.800 +		☺
PATRICK SPRINGS	WB8POC	443.175 +		
PATRICK SPRINGS	KC3FB	443.750 +	T77.0	☺
PEARISBURG	N4AZJ	444.975 +	T103.5	☺
PETERSBURG	K4ARO	442.600 +		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . conclude!

VIRGINIA REPEATERS CONTINUE

PETERSBURG	WB4KZI	443.825 +		
PORTSMOUTH	W4POX	443.800 +		☺
POUND	KF4VDF	444.850 +	PROP	
POWHATAN	KN4YM	443.100 +		☺
PULASKI	KE4CIF	442.775 +	T	☺
QUANTICO	N3QEM	447.975 -		
RICHMND/CHLTVL	N4EHJ	444.650 +		☺
RICHMOND	WA4AYB	441.600 +	PROP	☺
RICHMOND	KC4VDZ	442.300 +	T114.8	☺
RICHMOND	W4RAT	442.550 +	T127.3	☺
RICHMOND	AB4SF	444.850 +	T	☺
ROANOKE	K4ARO	442.600 +	T	
ROANOKE	W7CP	442.700 +	T	☺
ROANOKE	WB3T	444.325 +	T103.5	☺
ROANOKE/MILL MT	WD4KZK	442.750 +	T107.2	☺
ROANOKE/POOR MT	N4FHL	439.250 -		
ROANOKE/POOR MT	W4CA	442.500 +		
ROANOKE/POOR MT	KA4IXK	442.850 +		☺
ROANOKE/READ MT	WD4KZK	444.850 +	T107.2	☺
ROANOKE/TINKER M	WB8BON	444.925 +		☺
SILER	WA4RS	449.175 -		
SLINGS GAP	WD4KZK	444.775 +	T107.2	☺
SOUTH BOSTON	KF4AGO	443.925 +		
SOUTH BOSTON	KF4LWH	444.625 +		
SOUTH HILL	KD4MJO	443.525 +	100.0	☺
SPOTSYLVANIA	N2XHZ	447.875 -		
SPOTSYLVANIA	KD4QNA	442.700 +		
SPOTSYLVANIA	K4MQF	442.850 +		
STAFFORD	K4HR	444.450 +		
STAUNTON	WA4ZBP	444.825 +	T131.8	
STAUNTON/EL KNOB	KE4CKJ	444.100 +	T131.8	☺
STERLING	WA4TXE	442.100 +		
STUART	WB4GUG	442.225 +	T107.2	☺
STUARTS DRAFT	KB4OLM	444.050 +		☺
TYSONS CORNER	KA3RQR	447.025 -		
TYSONS CORNER	KM4FI	443.500 +		
VIENNA	N4KOU	444.850 +		
VIRGINIA BEACH	WA4KXV	444.950 +		☺
WAYNESBORO	N3XA	426.250 +		
WHITETOP MT	KM4X	443.000 +	T103.5	☺
WILLIAMSBURG	KB4ZIN	444.100 +		☺
WILLIS	W4DUM	443.875 +		
WINCHESTER	W4RKC	448.775 -	146.2	☺
WINCHESTER	W4RKC	448.775 -		
WINCHESTER	W3CSG	442.000 +		
WOODBRIDGE	W4IY	444.900 +		
WYTHE/WALKER MT	WB3T	442.000 +	T103.5	☺
WYTHEVILLE	WB3T	442.525 +	103.5	☺
YORKTOWN	N3ELM	443.550 +	T100.0	☺

920 MHZ

ALEXANDRIA	WA4CCF	919.600 -		
BEDFRD/APL ORCH	WA1ZMS	921.100 -	T100.0	☺
CULPEPER	KA4DCS	919.400 -		
LYNCHBRG/TOB MT	K4CQ	921.000 -	T100.0	☺
ROANOKE/POOR MT	WD4KZK	919.500 -	107.2	☺
TYSONS CORNER	K6LEW	919.500 -		
WOODBRIDGE	KA4DCS	919.800 -		

1270 MHZ

BEDFRD/APL ORCH	WA1ZMS	1283.100	-T100.0	☺
ROANOKE/POOR MT	N4CH	1291.020	-	☺

2.4GHz

BEDFRD/APL ORCH	WA1ZMS	2411.600+		☺

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620 -		
BECKLEY	KE4QOX	29.680 -	T88.5	☺
CHARLESTON	WB8CQV	29.640 -	203.5	
RICHWOOD	WA8YWO	29.660 -	T100.0	

6 METERS

ALDERSON	WV8BD	53.190 -		
BECKLEY	N8FWL	53.170 -	T123.0	☺
BECKLEY	WB8YST	53.590 -	T107.2	
CEREDO	KC8PFI	53.870 -		
CHARLESTON	WB8YST	53.630 -	T107.2	
FLATWOODS	N8CQQ	53.110 -	PROP	
GASSAWAY	AB8WB	53.210 -	T123.0	
LEWISBURG	KC8LRN	53.930 -	T	☺
MARMT/CHARLSTN	N8PEI	53.750 -	T141.3	
RICHWOOD	WB8YST	53.710 -	T107.2	
SHIRLEY	KB8TJH	53.310 -		
SNOWSHOE	KC8CSE	53.330 -		☺

2 METERS

AMBER RIDGE	KB8NJH	147.210 +	T107.2	☺
BECKLEY	KC8AFH	146.700 -	123.0	
BECKLEY	N8FWL	147.360 +	T123.0	☺
BECKLEY/BOLT MT	WV8B	145.170 -	T100.0	
BECKLEY/EOC	WV8BD	145.370 -		
BECKLEY/FLAT TOP	WV8BD	146.850 -		
BECKLEY/LAYLAND	N8FCJ	145.310 -	T100.0	
BECKLEY/OAK HILL	N8FWL	145.230 -	T100.0	☺
BERKELEY SPRINGS	KK3L	146.745 -		
BIRCH RIVER	N8FMD	145.270 -	T103.5	☺
BRIDGEPORT	WB8DKM	147.120 +	T	☺
BUCKHANNON	N8FHE	145.410 -		☺
BUCKHANNON	N8ZAR	146.850 -		
BUCKHANNON	N8ZAR	147.060 +	123.0	
CAPON MT	N8YIB	147.435 -		
CHARLESTON	W8GK	145.350 -	91.5	☺
CHARLESTON	WB8YST	145.430 -	PROP	
CHARLESTON	WB8IFS	146.820 -		
CHARLESTOWN	N8EIV	146.985 -		
CLARKSBURG	N8FMD	146.685 -	T103.5	☺
CLARKSBURG	N8FMD	147.210 +	T103.5	☺
DANVILLE	WB8NAM	146.685 -	T	
DAVIS	KE8MR	147.135 +	T103.5	☺
ELKINS	WJ8G	145.230 -	T103.5	☺
ELKINS	KB8BWZ	146.775 -		
FAIRMONT	W8SP	145.350 -	T103.5	
FENWICK	KD8AB	146.940 -		
FLAT TOP/WINTRPL	WV8B	146.625 -	T100.0	
FLATWOODS	N8ZPX	146.655 -	T123.0	☺
FRANKLIN	W3RUA	147.345 +		☺
FROST	N8RV	145.110 -	107.2	☺
GASSAWAY	WB8MZI	146.610 -		
#GASSAWAY	AB8WB	147.240 +	UNCOR	
GLENVILLE	N8OYY	145.130 -		
GLENVILLE	WB8WV	145.290 -		
GRAFTON	WD8LNB	147.375 +	118.8	☺
GRANTSVILLE	N8LGY	145.450 -	T103.5	
HARISVL/PENSBRO	WB8NSL	147.300 +		
HARPER'SFERRY	KB3BOI	145.350 -		
HINTON	KC8CNL	147.255 +	100.0	☺
HUNTINGTON	WB8FEQ	145.210 -	162.2	
HUNTINGTON	W8VA	146.760 -		
HUNTINGTON/CHAS	WB8EZR	146.640 -		☺
IAEGER	N8SNW	146.655 -	T203.5	
KEYSER	N8RCG	147.390 +	123.0	☺
#LENORE	KF8HL	145.390 -	UNCOR	
LEON	WD8OHX	147.180 +		
LEWISBURG	WB8SPW	146.730 -	T100.0	
LEWISBURG	N4RAG	146.760 -	T131.8	
LEWISBURG	WV8D	147.390 +	T100.0	
LOGAN SOUTH	NV8H	147.195 +	100.0	
LOGAN/SUMERCO	NU8K	147.345 +		
LOGAN/WRD RK MT	KJ8E	146.970 -		
MADISON	WB8NAM	147.120 +	T	
MARLINTON	N4RAG	147.090 +	131.8	
MARTINSBURG	WA8FSE	145.150 -		
MARTINSBURG	WB8YZV	147.255 +		
MARTINSBURG	K3MAD	147.345 +		
MCMECHEN	N8BQ	146.910 -		☺
MIDDLEBOURNE	WV8TC	147.360 +	T110.9	☺
MOOREFIELD	KD4SZR	145.190 -		
MORGANTOWN	K8LG	145.430 -		
MORGANTOWN	W8CUL	146.760 -		☺
MORGANTOWN	KE8MR	147.075 +	T103.5	☺
MULLENS	KC8IT	147.030 +		
NEW MARTINSVILLE	KF8LL	146.985 -		
OAK HILL	NM8T	146.790 -		☺
PARKERSBURG	WV8G	145.490 -		
PARKERSBURG	WA8LLM	147.255 +		☺
PARKERSBURG	WD8CYV	147.390 +	T141.3	
PARKERSBURG (OH)	N8NBL	146.970 -		
PARSONS	K8VNQ	145.370 -	T118.8	☺
PHILIPPI	K8VE	145.150 -	103.5	☺
PINEVILLE	W8LG	147.285 +		
PRINCETON	KA8PNC	147.060 -		☺
PRINCETON	WB8NRK	147.225 +	T114.8	☺
PRINCETON/PIPEST	WD8OGY	146.925 -		
RAVENSWOOD	WD8JNU	146.670 -		☺
RED HOUSE	WV8AR	145.410 -	T123.0	☺
RICHWOOD	WB8YJJ	145.190 -	T	
RICHWOOD	AA8TH	147.015 +	T	
RICHWOOD	KB8YDG	147.150 +	T100.0	☺
ROCKPORT	KC8TLG	147.135 +	T123.0	
SALT ROCK	K8SA	145.110 -	T110.9	
SCOTT DEPOT	WV8AR	147.270 +	123.0	☺
SHIRLEY	KB8TJH	145.310 -	T	
SKYLINE	K7SOB	147.360 +	T127.3	
SMITHERS	NM8T	147.075 -		☺
SO. CHARLESTON	WB8CQV	146.880 -	203.5	☺
SPENCER	KA8AUW	147.105 +	100.0	☺
SPRUCE KNOB	N8HON	147.285 +		☺
ST ALBANS	K8WMX	147.000 -		☺
ST.MARYS/BENS RG	WB8ECC	147.030 +		
SUMMERSVILLE	W8FG	145.470 -	100.0	
TERRA ALTA	KD8ZR	147.000 +	T	☺
UNION	W8IFL	145.410 -		
WEIRTON	W8CWO	146.940 -		
WELCH	WB8SXZ	145.450 -		
WESTON	WD8EOM	145.390 -		
WESTON	KA8TCF	147.165 +		☺
WHEELING	KA8YEZ	145.190 -	156.7	☺
WHEELING	W8ZQ	146.760 -		☺
WILLIAMSON	WR8M	145.330 -	T100.0	☺

220 MHZ

ANSTED	N8FWL	224.840 -	123.0	☺
BECKLEY	N8FWL	224.240 -	T123.0	☺
BECKLEY - SOUTH	N8FWL	224.740 -	PROP	☺
BECKLEY - WEST	N8FWL	224.540 -	123.0	☺
BECKLEY/OAK HILL	N8FWL	224.340 -	T123.0	☺
BERKELEY SPRINGS	KA3VLG	224.700 -		
CHARLESTON	WB8YST	224.360 -	107.2	
FLAT TOP/WINTRPL	WV8B	224.120 -	100.0	
HILLSBORO	KC8LRN	224.220 -	T131.8	☺
HINTON/BECKLEY	N8FWL	224.640 -	PROP	☺
#LEON	WD8OHX	223.780 -	UNCOR	
LEWISBURG	KC8LRN	224.800 -	T	☺
WILLIAMSON	WR8M	224.140 -		☺

440 MHZ

ALDERSON/SAM BLK	N8LVE	444.400 +	T100.0	
BECKLEY	N8FWL	443.050 +	T123.0	☺
BECKLEY	N8LVE	444.125 +	T	
BECKLEY/BOLT	W8LG	443.225 +		
BECKLEY/OAK HILL	WV8B	444.800 +	100.0	
BECKLY/OAK HILL	KE4QOX	443.100 +	T107.2	☺
BELINGTON	N8SCS	444.900 +	141.3	☺
BERKELEY SPRINGS	WA3KOK	442.450 +		
BLUEFIELD	WZ8E	443.625 +	100.0	☺
BUCKHANNON	N8ZAR	444.250 +		
CEREDO	KC8PFI	443.600 +		
CHARLESTON	KB8QKM	442.925 +	71.9	
CHARLESTON	WV8AR	444.225 +	T123.0	☺
CHARLESTON	WB8YST	444.350 +	T107.2	
CLARKSBURG	N8FMD	444.175 +	T103.5	☺
DANS MT	N8YIB	145.330 +		
DUNMORE	KC8CSE	444.275 +	123.0	☺
FAIRMONT	W8SP	443.875 +		
FLATWOODS	N8ZVK	444.200 +		☺
GASSAWAY	AB8WB	444.675 +	T123.0	
GILBERT	KB8PCW	442.725 +	PROP	
GLENVILLE	KA8ZXP	444.325 +		
HERNSHAW	WB8CQV	444.700 +	203.5	
HUNTINGTON	WA4GSS	421.250 +		
HUNTINGTON	WB8EZR	443.000 +		☺
HUNTINGTON	KB8TGK	443.850 +	T88.5	
HUNTINGTON/CHAS	WB8ZER	444.850 +	T131.8	☺
HURRICANE	K8OJC	444.075 +		
KEYSER	N8RCG	444.125 +	103.5	☺
LEWISBURG	KF8FO	444.725 +	T103.5	
LOGAN	KE4QOX	444.900 +	T107.2	☺
MORGANTOWN	K8LG	444.700 +		
MORGANTOWN	W8CUL	444.800 +		☺
MULLENS	KC8IT	444.000 +		
OAK HILL	KA8OTX	443.800 +		
PARKERSBURG (OH)	N8ILO	444.100 +		
PENNSBORO	WB8NSL	442.850 +	T103.5	
PRINCETON	KB8UJG	443.700 +	T123.0	
RICHWOOD	KB8YDD	443.475 +		
RICHWOOD	KC8AUY	443.575 +	T	☺
SHIRLEY	KB8TJH	444.425 +	T	
SO. CHARLESTON	WB8CQV	444.950 +	203.5	
ST. ALBANS	K8MHR	443.150 +		
WELCH	N8SNY	443.725 +		☺
WESTON	N8FIP	443.975 +		
WESTON	KA8TCF	444.600 +		☺
WHEELING	KB8QHO	421.250 +		
WHEELING	KA8YEZ	443.025 +	77.0HZ	☺
WHEELING	N8EKT	444.975 +		

Limited FULL MEMBERS FROM NON-SERA STATES

10 METERS

CHESTER, PA	W3PS	29.520 +	T156.7	☺

6 METERS

CONCORD, NH	KA1OKQ	53.590 -	71.9	☺

2 METERS

CONCORD, NH	KA1OKQ	147.225 +	T100.0	☺
DELAND, FL	K4DWF	147.045 +	T103.5	☺
OCEAN CITY, NJ	W3PS	147.285 +	T146.2	☺
PHILADELPHIA, PA	W3PS	147.315 +	TT156.7	☺
VINELAND, NJ	AA2LD	147.135 +	T156.7	☺
WINCHESTER, VA	W4RKC	146.820 -		☺

220 MHZ

OCEAN CITY, NJ	W3PS	223.980 -	T156.7	☺
CHESTER, PA	W3PS	224.960 -	T156.7	☺
CONCORD, NH	KA1OKQ	224.800 -	T103.5	☺
EAGLEVILLE, PA	W3PS	224.680 -	T156.7	☺
MILLVILLE, NJ	AA2LD	223.960 -	T156.7	☺
POTTSTOWN, PA	W3PS	224.400 -	T156.7	☺

440 MHZ

CHESTER, PA	W3PS	443.050 +	T156.7	☺
CONCORD, NH	KA1OKQ	448.775 -	T82.5	☺
LINWOOD, PA	W3PS	443.000 +	156.7	☺
MADISON, VA	N8HON	444.400 +		☺
PEMBROKE, NH	KA1OKQ	444.150 +		☺
PETERBORO, NH	KA1OKQ	443.350 +	T110.9	☺

1270 MHZ

CHESTER, PA	W3PS	1240.000	+	

SERA REPEATER INDEX LISTINGS BY FREQUENCY

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

10 METERS

29.6200 / 29.5200

W3PS	CHESTER, PA 156.7	ZZ

29.6000 / 29.6000

W4CM	NEWPORT NEWS	VA

29.52 0 / 29.6200

KF4XH	#MACON	GA

29.5200 / 29.6200

KQ4XL	MONROE	GA
K4XYZ	BUCKHORN LAKE 103.5	KY
KQ4XE	WILKESBORO	NC
WB4IUY	ZEBULON	NC
W4ZJM	MEMPHIS ..... *#	TN
AJ4D	TELLICO PLAINS 141.3	TN
KA8OTX	BECKLEY	WV

29.5400 / 29.6400

KK4CZ	LOUISVILLE	KY
KB5MPW	BAY SAINT LOUIS 136.5	MS
KE4QOX	HIGH POINT 103.5	NC
W4CAT	GALLATIN/BNA 107.2	TN
WB4NKM	GREENEVILLE	TN
WB8QOV	CHARLESTON 203.5	WV

29.5600 / 29.6600

WR4MG	WARNER ROBINS	GA
K4GRW	NEWPORT	NC
N4JEH	ROCKY MOUNT	NC
W4GL	SUMTER	SC
KE4QOX	FANCY GAP 123.0	VA
WA8YWO	RICHWOOD 100.0	WV

29.5800 / 29.6800

AI8H	CONYERS	GA
N4BZJ	DALTON	GA
KB0IY	VALDOSTA 141.3	GA
WW4DC	THOMASVILLE 88.5	NC
N8ITF	SPRINGFIELD 88.5	TN
KE4QOX	BECKLEY 88.5	WV

2 METERS

144.6100 / 52.5250

N4ARK	NASHVILLE	TN

144.5100 / 145.1100

KK4HL	AUGUSTA	GA
N4MXC	COCHRAN 107.2	GA
KR4HV	DOUGLASVILLE 88.5	GA
KC4UPE	LEESBURG 192.8	KY
KD5AXY	FLORENCE	MS
W5WA	VANCLEAVE 123.0	MS
W4PCN	KILL DEVIL HILLS 131.8	NC
N4GSM	ROBBINSVILLE 151.4	NC
KD4MYE	YOUNGSVILLE 88.5	NC
WZ4SC	FORT MILL	SC
W4GS	MYR BCH/CONWAY	SC
NQ4Y	COOKEVILLE	TN
WM4T	GRAY	TN
WA4RK	NASHVL/FAIRVIEW 151.4	TN
KF4OID	SOMERVILLE 107.2	TN
K4YPE	RICHMOND	VA
N8RV	FROST 107.2	WV
K8SA	SALT ROCK 110.9	WV

144.5300 / 145.1300

K4SEX	BGMRC/NEWMAN	GA
WR4SG	VALDOSTA 141.3	GA
N4UL	LOUISVILLE AREA 151.4	KY
KJ4VF	MOREHEAD 100.0	KY
WB4YNF	AHOSKIE	NC
W4RNC	RALEIGH 88.5	NC
W4JAK	GREENWOOD 123.0	SC
K4JR	SUMTER	SC
K4CMY	CHATTANOOGA	TN
KA4OAK	LAFOLLETTE	TN
KF4ATY	MEMPHIS 107.2	TN
KC4WPS	NASHVILLE 114.8	TN
N4VL	GALAX/LKOUT MT 103.5	VA
N8OYY	GLENVILLE	WV

144.5500 / 145.1500

W4AQL	ATLANTA 167.9	GA
K4YC	IVEY/MACON 77.0	GA
KG4CCW	LOUISVILLE 141.3	KY
KY4JW	MONTICELLO	KY
AD4BI	PIKEVILLE 107.2	KY
K5LFP	#PICAYUNE	MS
K2IMO	ELM CITY 88.5	NC
W4GSO	GREENSBORO 100.0	NC
K4OBX	HATTERAS ISLAND 131.8	NC
W4NHV	#LUMBERTON	NC
N4LWY	SUMMERTON	SC
K4USY	UNION	SC
KG4FZR	ATHENS 141.3	TN
W4XS	FRANKLIN	TN
K0JXI	MEMPHIS	TN
K4ARO	GREENBAY	VA
N3ZE	RADFORD/RINER	VA
K8VE	PHILIPPI 103.5	WV

144.5700 / 145.1700

WA4DIW	JONESBORO	GA
W8PRH	HALLS GAP	KY
K4COR	ANDSN MT/DENVER 88.5	NC
N4CTJ	LELAND	NC
N4NCK	OXFORD	NC
KY4S	AIKEN	SC
K4NOC	BISHOPVILLE 123.0	SC
WF4Q	BRUCETON 107.2	TN
WB4GBI	KNOXVILLE	TN
WB4LHO	MURFREESBORO	TN
WA4ZUA	NORFOLK 136.5	VA
WV8B	BECKLEY/BOLT MT 100.0	WV

144.5900 / 145.1900

WA4EQL	JESUP	GA
WB4ULJ	PINE MT/HAMILTON	GA
KB4SQI	SALYERSVILLE 127.3	KY
K5YD	BOONEVILLE 110.9	MS
W5CJR	HATTIESBURG 136.5	MS
KA4SQN	JACKSONVILLE	NC
WA4BVW	MT MITCHELL	NC
K4GWH	RALEIGH 156.7	NC
N4OTT	CARTHAGE	TN
KD4XV	JASPER 127.3	TN
WB3R	AMELIA	VA
WB8YJJ	RICHWOOD	WV
KA8YEZ	WHEELING 156.7	WV

144.6100 / 145.2100

KC4RRO	EASTMAN	GA
WA4EPK	FAYETTEVILLE 131.8	GA
W8PRH	LEXINGTN/GRGTWN	KY
KB5IKR	MENDENHALL 100.0	MS
K4OLC	HIGH PEAK MTN 94.8	NC
WB4TQD	TRENTON	NC
KG4LAP	SMOAKS	SC
W2GLJ	GERMANTOWN	TN
W4BBB	KNOXVILLE/RACK 100.0	TN
N4ARK	NASHVILLE	TN
K4QZL	HIGH KNOB MT	VA
N2EDE	ROANOKE 107.2	VA
WB8FEQ	HUNTINGTON 162.2	WV

144.6300 / 145.2300

WB4JEH	CONYERS 151.4	GA
WR4SG	CORDELE 141.3	GA
W4DRC	DALTON	GA
K4BR	WAYNESBORO	GA
W8PRH	LOUISVILLE	KY
W4KBL	PRINCETON 103.5	KY
KG4GQC	WEST LIBERTY 107.2	KY
KC5VZI	#NEW ALBANY	MS
N4VBH	BEULAVILLE	NC
W4UNC	CHAPEL HILL 107.2	NC
W4BFB	CHARLOTTE	NC
KG4AQH	GREELEYVILLE	SC
W4CAT	LAVERNE	TN
KB4KIE	MAYNARDVILLE	TN
KE4NTL	RIPLEY 100.0	TN
W4CH	BEDFORD	VA
W4MT	NEWPORT NEWS 100.0	VA
N8FWL	BECKLEY/OAK HILL 100.0	WV
WJ8G	ELKINS 103.5	WV

144.6500 / 145.2500

N4YYD	CHATSWORTH 71.9	GA
K4YC	IVEY	GA
AD4YJ	LEXINGTON 110.9	KY
W4GG	GREENSBORO 88.5	NC
WA4USN	CHARLESTON 123.0	SC
K4USC	UNION	SC
KT4WS	PARKSLE	TN
N4WXS	ERWIN/PINNACLE	TN
N4ER	MEMPHIS 146.2	TN
KD8XK	BLUEFIELD 100.0	VA
KQ4RH	MONTPELIER	VA

144.6700 / 145.2700

KT4X	SANDERSVILLE 77.0	GA
K4PLM	WALESKA/PNLG MT 103.5	GA
N4KJU	PAINTSVILLE	KY
KD4BOH	ROCKPORT 77.0	KY
N5NBG	WALLS 162.2	MS
KB5DZJ	WIGGINS 136.5	MS
K4ROK	FARMVILLE 131.8	NC
WA4KNI	HENDSVL/BERWLW	NC
N5CWH	COLUMBIA 127.3	SC
KD4CLA	PIGEON FORGE 100.0	TN
N8FMD	BIRCH RIVER 103.5	WV

144.6900 / 145.2900

W4IBM	ATLANTA 88.5	GA
W4DV	AUGUSTA 100.0	GA
WR4MG	PERRY 107.2	GA
AC2DC	LOUISVILLE 151.4	KY
N4VOS	STANTON	KY
WJ5L	VICKSBURG	MS
W4BFB	CHARLOTTE	NC
WN3X	COINJOCK 131.8	NC
NC4AR	HIGH POINT 88.5	NC
KF4NOV	ROCKY MOUNT 107.2	NC
W4GS	MYRTLE BEACH 85.4	SC
KU4ZS	PUMPKINTOWN 123.0	SC
W4AIM	CHATTANOOGA 118.8	TN
KF4ZQA	ELIZTON/HOLS MT 100.0	TN
K4DXC	RIDGETOP 114.8	TN
WF4Q	SHILOH 107.2	TN
N4UTN	RUSTBURG	VA
WB8WV	GLENVILLE	WV

144.7100 / 145.3100

W4FIZ	COLUMBUS	GA
KB4JF	NASHVILLE 141.3	GA
WA4JDR	STOCKBRIDGE	GA
KC4KZT	DAVID	KY
WB5GQJ	CHATAWA	MS
KC4WPM	BAKERSVILLE	NC
N4LEX	LEXINGTON 88.5	NC
N4WFU	#ROANOKE RAPIDS 131.8	NC
K4ITL	ROSEBORO	NC
W4IAR	BEAUFORT	SC
W4CHR	CHESTER	SC
WA4PNI	ATHENS 141.3	TN
KF4SC	JACKSON	TN
KC4ECD	LAFAYETTE 151.4	TN
KD4KWP	CHESTERFIELD 127.3	VA
N8FCJ	BECKLEY/LAYLAND 100.0	WV
KB8TJH	SHIRLEY	WV

144.7300 / 145.3300

KF4ODQ	EASTMAN 77.0	GA
WA4OGE	JONESBORO	GA
N4XGI	ST SIMONS ISLAND 131.8	GA
KF4INN	VERSAILLES	KY
K5DMC	KILN	MS
KI4RK	GOLDSBORO 100.0	NC
N4VRD	MOUNT AIRY 100.0	NC
KF4JVI	TRYON	NC
WA4DFP	BAMBERG	SC
WT4E	COLLIERVILLE 107.2	TN
WD4DBJ	CUMBERLAND CITY	TN
WA4TEM	KNOXVILLE	TN
KE4ZBH	FARMVILLE	VA
W4VB	NORFOLK	VA
WR8M	WILLIAMSON 100.0	WV

144.7500 / 145.3500

W4DOC	ATLANTA 146.2	GA
W4GTA	LOOKOUT MT 100.0	GA
KD4MFS	OCILLA	GA
AI4HB	RADCLIFF 173.8	KY
N4DRL	BYHALIA	MS
N5ZMZ	UTICA	MS
WA4AOS	CHARLOTTE	NC
WD4JPQ	GREENVILLE 131.8	NC
KE4OVN	DRESDEN 107.2	TN
WD4JYD	NOLENSVILLE 114.8	TN
KB4PNG	ONEIDA 77.0	TN
N4AZJ	BLAND 103.5	VA
KF4LWH	SOUTH BOSTON	VA
W8GK	CHARLESTON 91.5	WV
W8SP	FAIRMONT 103.5	WV

144.7700 / 145.3700

AA4UA	AUGUSTA	GA
KB4IZF	JASPER 100.0	GA
W4BKM	MACON	GA
KE4YVD	RICHMOND 192.8	KY
K5IJX	HATTIESBURG 136.5	MS
N5PYQ	SOUTHAVEN 107.2	MS
N4NCK	BUTNER	NC
W4HF	N. WILKESBORO	NC
K4PPD	PALLOTTE	NC
KB4KIE	KNOXVILLE	TN
WR3S	NASHVILLE	TN
W4HZL	GLOUCESTER	VA
KC4RBA	LYNCHBURG 186.2	VA
WV8BD	BECKLEY/EOC	WV
K8VNQ	PARSONS 118.8	WV

144.7900 / 145.3900

K4HYB	GRIFFIN 88.5	GA
WF4N	#CENTRAL CITY	KY
N4EQT	LAWRENCEBURG 107.2	KY
KC8FKP	SO. PORTSMOUTH 136.5	KY
KB5KGE	JACKSON	MS
N4ZVN	MONROE/UCARS 94.8	NC
WB4TQD	RALEIGH 82.5	NC
W4AM	CHATTANOOGA	TN
W4WC	GREENEVILLE	TN
WB4DOR	LEBANON	TN
K4ARO	ROANOKE/POOR MT 107.2	VA
KF8HL	#LENORE	WV
WD8EOM	WESTON	WV

144.8100 / 145.4100

W4PME	ATLANTA/BELL 100.0	GA
K4KNS	AUGUSTA	GA
WA4MXO	JACKSON	KY
KK4CZ	LOUISVILLE 127.3	KY
KC5IF	D'IBERVILLE	MS
N4XO	CHINA GROVE 136.5	NC
K4SER	WILLIAMSTON 131.8	NC
W4VH	DOVER	TN
K4MFD	GRNVL/VIKING MT 173.8	TN
K5FE	MEMPHIS 107.2	TN
NQ4Y	MONTEAGLE MTN 114.8	TN
KF4ADM	WILLIAMSBURG 127.3	VA
N8FHE	BUCKHANNON	WV
WV8AR	RED HOUSE 123.0	WV
W8IFL	UNION	WV

144.8300 / 145.4300

K4LCI	ATLANTA	GA
WA9RNZ	JESUP	GA
AA4RI	MACON	GA
KX5E	GLOSTER 136.5	MS
KU4W	RAEFORD 100.0	NC
K4QFQ	SPARTA/GREEN MT	NC
K4JR	SUMTER 156.7	SC
KB4YTU	BROWNSVILLE	TN
WF4Q	BUCKSNORT 107.2	TN
WA4UCE	COOKEVILLE	TN
WB4YLC	KNOXVILLE	TN
AD4QV	OCEBURN 103.5	VA
W4SQT	RICHMOND	VA
WB8YST	CHARLESTON 107.2	WV
K8LG	MORGANTOWN	WV

144.8500 / 145.4500

W4BOC	DECATUR	GA
KG4FEJ	ROCKFIELD 136.5	KY
WX5P	FULTON	MS
N5ZQC	SHARON 100.0	MS
WD4PLY	CRDR MT/GASTONIA	NC
WR4AGC	DURHAM	NC
K4GRW	NEWPORT	NC
WD4EOG	CLEMSON UNIV	SC
N7GZT	MT. PLEASANT	SC
W4ZKM	SAVANNAH RIVER 123.0	SC
K4SIR	BENTON	TN
WA4KOG	MEMPHIS	TN
KQ4E	MORRISTOWN	TN
KF4GHD	#MT PLEASANT 127.3	TN
AA4HQ	SALUDA	VA
KD4KAU	STAUNTON 131.8	VA
N8LGY	GRANTSVILLE 103.5	WV
WB8SXZ	WELCH	WV

144.8700 / 145.4700

KD4HMH	BONAIRE	GA
KF4UM	RICEBORO	GA
N4CLA	SWEAT MT/MARIETT	GA
WB4GGH	BARDSTWN/NELSN 151.4	KY
KF4ZTB	HUEYSVILLE 79.7	KY
KF4BRO	MAYSVILLE 107.2	KY
WB5VYH	ABBEVILLE 107.2	MS
W4OIX	KINSTON	NC
W4NC	SAURATOWN MT 100	NC
KN4RG	GAFFNEY 141.3	SC
KI4CB	MYR BCH/CONWAY	SC
WB4GBI	KNOXVILLE	TN
KF4RBR	MOUNTAIN CITY 103.5	TN
N4ARK	NASHVILLE	TN
N4ZCM	SOUTH HILL	VA
W8FG	SUMMERSVILLE 100.0	WV

144.8900 / 145.4900

W4DV	AUGUSTA	GA
KA4WUJ	CORDELE 103.5	GA
W4LMA	MARIETTA 88.5	GA
W4KVK	HENDERSON	KY
WB4CWF	LEXINGTON	KY
N5VGK	TUPELO	MS
NT4K	FRANKLIN	TN
WB4IKY	GIBSONVILLE 107.2	NC
W4BWC	RALEIGH 82.5	NC
W4APE	CHERAW	SC
WA4KOG	BRADEN	TN
WB4LHO	MCMINVL/SHT MT	TN
K4CQ	AMHERST 136.5	VA
W8MOP	BLUEFIELD	VA
WA4PHX	HAMPTON	VA
WV8G	PARKERSBURG	WV

146.0100 / 146.6100

W4CVY	COLUMBUS	GA
WB4JEH	CONYERS 151.4	GA
WD4KWV	CORBIN	KY
KC4FRA	MADISONVILLE	KY
W5LAR	LAUREL	MS
W4EWN	NEW BERN 100.0	NC
WB4TQP	RALEIGH 131.8	NC
KF4QDS	THOMASVILLE 123.0	NC
KC4WIF	ELLOREE 118.8	SC
W4NYK	GRNVLE/CSRS HD	SC
W4AM	CHATTANOOGA	TN
WA4PCD	NASHVILLE	TN
K4JP	ABINGDN/BRMLY MT	VA
WA4YSE	CHESAPEAKE	VA
W4WWQ	LYNCHBURG 136.5	VA
WB8MZI	GASSAWAY	WV

146.0250 / 146.6250

WA4UPE	ATL/UNION CITY 100.0	GA
N4UJT	ELBERTON	GA
K4HAO	VIDALIA	GA
WA4GOZ	BOWLING GREEN 103.5	KY
K4ULW	WEBSTER 151.4	KY
KC5ULN	COLUMBUS	MS
KE5WO	PORT GIBSON	MS
K4USB	BUXTON 131.8	NC
KI4RR	LAURINBURG	NC
KF4SXO	CHESTER	SC
WB4VXX	CORNERSVILLE 107.2	TN
WB4GBI	KNOXVILLE 100.0	TN
N4ABU	MARTIN	TN
K4SVA	JARRATT I-95 ..... 100.0	VA
WV8B	FLAT TOP/WINTRPL 100.0	WV

146.0400 / 146.6400

WB4QGR	#ATLANTA	GA
W4FWD	CARROLLTON 131.8	GA
AE4PO	WAYCROSS 141.3	GA
WA4UXJ	CANE VALLEY	KY
K5XU	MADISON	MS
WB5NAY	MOCOVILLE	MS
WB4YAO	HENDERSONVILLE 100.0	NC
W4DW	RALEIGH	NC
W4NC	WINSTON-SALEM 100.0	NC
W4GL	SUMTER	SC
KA4QYI	HARRIMAN 100.0	TN
WB4KQQ	MEMPHIS	TN
AF4TZ	NASHVILLE 114.8	TN
W4WIC	FINCASTLE	VA
N4QLF	MARION 103.5	VA
WB4QEY	RICHMOND	VA
WB8EZR	HUNTINGTON/CHAS	WV

146.0550 / 146.6550

N4NFP	ATLANTA/MARIETTA 151.4	GA
W4WSM	BOWLING GREEN-SO	KY
WD4DZC	DANVILLE	KY
K4CUW	PADUCAH	KY
KC5ZZH	MERIDIAN	MS
K4CEB	#CONCORD/KANNAP	NC
WA4VTX	ELIZABETH CITY 131.8	NC
KD4KOJ	BEAUFORT	SC
N5CWH	GILBERT 162.2	SC
KD4AOK	BROWNSVILLE	TN
W4RDM	LAWRENCEBURG	TN
W4OLB	MARYVILLE/ALCOA	TN
WA4ISI	ALTAVISTA	VA
N8ZPX	FLATWOODS 123.0	WV
N8SNW	IAEGER 203.5	WV

146.0700 / 146.6700

W4ABP	GAINESVILLE 131.8	GA
KF4SJO	HAZARD	KY
W4KBL	PRINCETON	KY
W5UBG	NEW ALBANY	MS
KB5ZCX	PURVIS	MS
K4FHB	BURLINGTON	NC

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WA4BKU #FOREST CITY ..... NC
AD4DN WILMINGTON .....88.5 NC
AD4U ST. MATTHEWS .....156.7 SC
W4UD BRISTOL ..... TN
K4BGW LAFOLLETTE ..... TN
AF4TZ NASHVILLE .....114.8 TN
W4CBM DUBLIN ..... VA
KD4DDI PAGECO ..... VA
K4RC WILLIAMSBURG ..... VA
WD8JNU RAVENSWOOD ..... WV
146.0850 / 146.6850
K4NGA ADAIRSVILLE ..... GA
K4KZY FAYETTEVILLE ..... GA
KF4NTQ GEORGETOWN .....107.2 KY
N4WJS OWENSBORO .....110.9 KY
W5KHB NATCHEZ ..... MS
W4NBR GRIFTON .....88.5 NC
KE4WSX STATESVILLE ..... NC
K4USC UNION ..... SC
KF4ARH WALLAND .....88.5 TN
WA1ZMS BEDFRD/APL ORCH .....100.0 VA
N8FMD CLARKSBURG .....103.5 WV
WB8NAM DANVILLE ..... WV
146.1000 / 146.7000
W4MM #ALBANY ..... GA
K4UFO JASPER ..... GA
KD4BWK LAGRANGE .....141.3 GA
WB4DOJ MILLEDGEVILLE .....67.0 GA
K4NLX SAVANNAH ..... GA
KY4KY BROOKS .....151.4 KY
KD4DZE GRAYSON .....107.2 KY
WB4FUR BAY ST. LOUIS ..... MS
W5LV GRENADA ..... MS
W5FQ MERIDIAN ..... MS
KD4GLB CROSSNORE .....167.9 NC
N4CID DUNN ..... NC
W4PAX LANCASTER ..... SC
WT4F PICKENS .....107.2 SC
KF4BVQ ANDERSON CTY .....100.0 TN
W4UOT MANCHESTER .....114.8 TN
WB4MMI RAMER .....107.2 TN
WA4YGM UNION CITY ..... TN
K4AU DANVILE/WHT OAK .....107.2 VA
KF8PT NORFOLK ..... VA
KD4WWF STAUNTON .....131.8 VA
KC8AFH BECKLEY .....123.0 WV
146.1100 / 146.7100
KF4FO HOPKINSVILLE ..... KY
146.1150 / 146.7150
K4NVG LAVONIA .....100.0 GA
W4ABZ RINGGOLD .....67.0 GA
KF4OFT BEREA .....100.0 KY
KA5TQY GREENWOOD ..... MS
KD4JFN HAW RIVER .....107.2 NC
N4GGN MILLERS CREEK ..... NC
WB4NEP COLUMBIA ..... SC
KB4JUB SALTILLO ..... TN
W9KIC BLACKSBURG ..... VA
W4TTL WALKERTON ..... VA
146.1300 / 146.7300
W4MM ALBANY ..... GA
KD4NC ATLANTA/SWEAT MT ..... GA
K4TVE BRUNSWICK ..... GA
WR4DH MACON .....100.0 GA
AC4AO LEXINGTON ..... KY
AA4NI #NEBO ..... KY
KC5IF BILOXI ..... MS
KD5GVU STARKVILLE .....210.7 MS
KC5TGT UTICA .....77.0 MS
W4BWC RALEIGH .....82.5 NC
W4EXU SALISBURY .....94.8 NC
W4VNK WILMINGTON ..... NC
K4NAB N. AUGUSTA ..... SC
WA4UKX SIMPSONVILLE .....100.0 SC
WB4IOB KNXVL/ENG MT ..... TN
KE4LFZ MEMPHIS .....107.2 TN
K4EHL WATERTOWN .....100.0 TN
W4QR HAMPTON ..... VA
WB8SPW LEWISBURG .....100.0 WV
146.1450 / 146.7450
KD4QHB ATHENS ..... GA
K4WOC CALHOUN .....100.0 GA
WA4TTC GREENVILLE ..... KY
KD4RTR MILLARD .....141.3 KY
KC5VZI #NEW ALBANY ..... MS
KC4QPR MORGANTON .....94.8 NC
NN4N DILLON/PEE DEE ..... SC
W4MV #DYERSBURG ..... TN
KC4WHL HARRIMAN ..... TN
AA4YQ WARTBURG ..... TN
K4ROA ROANOKE/POOR MT .....107.2 VA
146.1600 / 146.7600
W4RRG LOOKOUT MT. .....67.0 GA
W4BOC STONE MT .....107.2 GA
WR4MG UNADILLA .....107.2 GA
KF4BJM VALDOSTA .....141.3 GA
K4KJQ LEXINGTON ..... KY
KD4DVI PADUCAH ..... KY
W5AXQ JACKSON ..... MS
WA4BVW ASHVL/MT PISGAH ..... NC
K4GWH GREENSBORO .....88.5 NC
KB2XI SWANSBORO ..... NC
WB4THL WILSON .....131.8 NC
K4ESG MT PLEASANT ..... SC
K4JP BRSTL/HOLSTN MT ..... TN
WA4PCD NASHVILLE .....114.8 TN
WA4TFZ CHARLOTTESVILLE .....88.5 VA
KB4ZIN WILLIAMSBURG ..... VA
W8VA HUNTINGTON ..... WV
NA4RAG LEWISBURG .....131.8 WV
W8CUL MORGANTOWN ..... WV
W8ZQ WHEELING ..... WV
146.1750 / 146.7750

N4NEQ MARIETTA .....151.4 GA
KB4NA WRENS ..... GA
W4PPM MIDDLESBORO ..... KY
KJ4OG TOMPKINSVILLE ..... KY
AE4SK VANCEBURG ..... KY
K5PN HATTIESBURG .....136.5 MS
NC4SU RALEIGH .....88.5 NC
W4ZU SOUTHPORT .....100.0 NC
KF4GHC FORT JACKSON .....156.7 SC
WF4Q FRUITLAND .....107.2 TN
W4JVO PULASKI/MUSIC MT ..... TN
AG4AN FOREST .....131.8 VA
WB3T WYTHEVILLE .....107.2 VA
KB8BWZ ELKINS ..... WV
146.1900 / 146.7900
KD4GEY FOLKSTON ..... GA
WD4KOW MOULTRIE ..... GA
K4SEX NEWNAN ..... GA
K4VYX SWAINSBORO ..... GA
W4YWH HIGHLAND HEIGHTS .....123.0 KY
KA4UHL NANCY .....100.0 KY
K5TYP BILOXI ..... MS
W4TLP CLINTON ..... NC
KG4ASL SAURATOWN MT .....107.2 NC
N4AW ANDERSON/SAS MT ..... SC
WA4USN CHARLESTON ..... SC
W4AM CHATTANOOGA ..... TN
W4ABR JOHNSON CITY ..... TN
W4KIB MEMPHIS .....107.2 TN
W4SQE NASHVILLE ..... TN
N4SD CHESAPEAKE ..... VA
NM6T OAK HILL ..... WV
146.2050 / 146.8050
K4PDQ MACON .....77.0 GA
KA4NNE ELKTON .....151.4 KY
W8PRH HAZARD ..... KY
KF5C STARKVILLE .....192.8 MS
K5IMT #VICKSBURG ..... MS
K4GNC GASTONIA/CRWDR ..... NC
W4DCG ROCKY MOUNT .....118.8 NC
KF4ATU ORANGEBURG .....156.7 SC
KF4TNP #CORNERSVILLE ..... TN
W4EYJ CROSSVILLE .....131.8 TN
WB4MMI SELMER .....107.2 TN
WA4HTI COVINGTON ..... VA
W4TTL MECHANICSVILLE ..... VA
147.4050 / 146.8050
KC4AQS JASPER .....100.0 GA
W4DJB CANTON ..... NC
KD4TC BIG "A" MTN .....103.5 VA
146.2200 / 146.8200
W4MM ALBANY ..... GA
W4DOC ATLANTA .....146.2 GA
K4HVK KIBBEE ..... GA
KF4DKJ DRAKESBORO ..... KY
W4CMR IRVINE .....192.8 KY
K5HYE MAGEE .....100.0 MS
WB4PZA WILKESBORO ..... NC
K4GMP WILMINGTON .....88.5 NC
KT4NZ CAMDEN .....131.8 SC
W4NYK GRNVLE/PARIS MT ..... SC
WB4OAH LAKE CITY ..... TN
W4BS MEMPHIS ..... TN
KB4PNG #ONEIDA ..... TN
W4IJO/T WINCHESTER ..... VA
W4CAR CHESAPEAKE .....162.2 VA
N4WWB GATE CITY ..... VA
WB8IFS CHARLESTON ..... WV
W4RKC WINCHESTER, VA ..... ZZ
146.2350 / 146.8350
KC4GSS THOMSON ..... GA
KC4ZOX SALVISA .....192.8 KY
WB4PLA #ASHEVILLE ..... NC
KB4TOH COLUMBIA .....131.8 NC
W4USH WADESBORO ..... NC
KT4YW CHARESTON ..... SC
KB4YTM HUNTINGDON ..... TN
W4LYR WATERTOWN .....100.0 TN
KK4EH GRUNDY/BIG A MT ..... VA
N4UTN RUSTBURG/LONG MT ....173.8 VA
147.4350 / 146.8350
N4KHQ DAHLONEGA .....100.0 GA
W4KMU #HOPE MILLS ..... NC
KB4BPV THOMASVILLE .....88.5 NC
146.2500 / 146.8500
W4RPQ DALLAS ..... GA
K4SDJ SAVANNAH ..... GA
WA4ORT WARNER ROBINS ..... GA
KM4IV PIKEVILLE ..... KY
K5JMD BUDE .....103.5 MS
WB5MFK IUKA ..... MS
W5LWC KOSCIUSKO ..... MS
K4CYP GOLDSBORO ..... NC
WA4DSZ HICKORY/BRT. MT ..... NC
N4IV REIDSVILLE .....103.5 NC
W4ULH FLORENCE ..... SC
WA4KJH GTLBG/COVE MTN .....127.3 TN
WA4KOG MEMPHIS ..... TN
W4AY NASHVILLE .....114.8 TN
W4POX PORTSMOUTH ..... VA
WA4ZBP STAUNTON .....131.8 VA
WV8BD BECKLEY/FLAT TOP ..... WV
N8ZAR BUCKHANNON ..... WV
146.2650 / 146.8650
N4ZON JESUP .....123.0 GA
WB4DKY MADISON .....179.9 GA
AD4MU OWENSBORO ..... KY
KG4AEU RICHMOND .....192.8 KY
KD4HLH LAURENS .....107.2 SC
KF4DPU CROSSVILLE ..... TN
KN4KP TRENTON ..... TN
KF4VDF NORTON .....103.5 VA
147.4650 / 146.8650

N5DWU ELLISVILLE .....136.5 MS
KB4YSX MURPHY/STALCUP .....151.4 NC
WA4ZRS WAXHAW .....94.8 NC
WZ8E MOUNTAIN LAKE .....110.9 VA
146.2800 / 146.8800
W4OVY COLUMBUS ..... GA
W4BTI MARIETTA/ATLANTA .....100.0 GA
WA4NKL QUITMAN ..... GA
W4HBB SAVANNAH ..... GA
W4PF LOUISVILLE ..... KY
KA4UHL SOMERSET .....77.0 KY
K5QNE JACKSON .....100.0 MS
KE5SJ PASCAGOULA ..... MS
WB4TQD RALEIGH ..... NC
W4NYR SHELBY ..... NC
N7GZT ORANGEBURG ..... SC
WD4CYZ BRISTOL ..... TN
WA4KOG MEMPHIS ..... TN
WA4PCD NASHVILLE ..... TN
W4SKH OAK RIDGE ..... TN
W4RAT RICHMOND ..... VA
WA4V SALEM ..... VA
WB8CQV SO. CHARLESTON .....203.5 WV
146.2950 / 146.8950
N4VNI HARTWELL .....100.0 GA
WR4MG HAWKINSVILLE .....107.2 GA
N3SM MACON .....123.0 GA
K4JBV FLORENCE .....100.0 KY
KA4BLZ LYNN GROVE .....210.7 KY
W4APE PAGELAND ..... SC
KF4HNV CROSSVILLE .....118.8 TN
WD4EGD DANDRIDGE ..... TN
WA4KXV VIRGINIA BEACH ..... VA
WB3T WYTH/WALKER MT .....103.5 VA
147.4950 / 146.8950
WD4LUQ DALLAS .....77.0 GA
KC4KZT DORTON .....141.3 KY
N5DWU ELLISVILLE .....136.5 MS
146.3000 / 146.9000
WB4WVH IRVINGTON ..... KY
146.3100 / 146.9100
WB4HIG CLEVELAND ..... GA
K4HYB GRIFFIN ..... GA
K4GFY MOREHEAD .....123.0 KY
KS4TO WADDY .....107.2 KY
K5VV HERNANDO ..... MS
WA5JZL LUCEDALE ..... MS
K5OCM NATCHEZ .....91.5 MS
WA4ZGQ AHOSKIE .....131.8 NC
W4MOE ASHVL/SPIVEY MT .....91.5 NC
WB4YZF FAYVLLE/CFARS .....100 NC
K4IZM LEXINGTON .....107.2 NC
WA4SJS WHITE HALL ..... SC
KC4ROG KNOXVILLE ..... TN
W4YXA SHORT MTN ..... TN
KE4ZBH FARMVILLE ..... VA
K4TUE MT.LAKE/BALD KNB .....107.2 VA
N8BQ MCMECHEN ..... WV
146.3250 / 146.9250
WA4ASI COVINGTON ..... GA
N4PJR JESUP ..... GA
W4BEJ RADCLIFF ..... KY
WB5VOJ CORINTH .....107.2 MS
AD4T #DOBSON .....100.0 NC
W4APE BISHOPVILLE ..... SC
W4GZX CLEVELAND ..... TN
WA4TLZ CUMBERLAND CITY .....127.3 TN
WD4OBW JONESBOROUGH ..... TN
WA4TFZ CHARLOTTESVILLE ..... VA
WB4GJG DANVILLE(DCC) .....107.2 VA
WD8OGY PRINCETON/PIPEST ..... WV
146.3400 / 146.9400
KT4N AUGUSTA ..... GA
W4VO ROME/MT. ALTO .....88.5 GA
WA4RVB WRIGHTSVILLE ..... GA
K4GEC ASHLAND ..... KY
KY4X GLASGOW .....114.8 KY
K4MSU MURRAY ..... KY
KB5DWX AMORY .....192.8 MS
KA5SBK JACKSON .....100.0 MS
K5JMD MCCOMB ..... MS
KA4PAY BURGAW ..... NC
WA4IZG BUTNER .....156.7 NC
W4BFB CHARLOTTE ..... NC
W4ACY WANCHESE .....131.8 NC
KF4CDR CHARLESTON ..... SC
W4IQQ GREENVILLE ..... TN
WB4GBI KNOXVILLE ..... TN
N4BSM MEMPHIS .....107.2 TN
K4UMI HAMPTON ..... VA
W4ZA RICHMOND ..... VA
N4AP ROANOKE ..... VA
KD8AB FENWICK ..... WV
W8CWO WEIRTON ..... WV
146.3550 / 146.9550
KD4AOZ ATHENS .....123.0 GA
KE4RQT BLAIRSVILLE .....100.0 GA
WR4MG PERRY .....107.2 GA
KF4BRO FLEMINGSBURG .....107.2 KY
WB9SHH MONTECELLO .....88.5 KY
N5EKR ELLISVILLE ..... MS
KC5OB ISOLA ..... MS
KD4WAR BURNSVILLE ..... NC
K4RNC ROCKINGHAM ..... NC
NT4L #NASHVILLE .....114.8 TN
WZ8E BLUEFIELD/ONEIDA .....100.0 VA
NA4CFA FARMVILLE .....136.5 VA
146.3700 / 146.9700
K4CLJ ATLANTA ..... GA
W4HBB SAVANNAH ..... GA
K4DPP #HENDERSON ..... KY
W8PRH STANTON ..... KY
KI5FW MERIDIAN .....100.0 MS

N5PH PASCAGOULA ..... MS
N5EYM WINONA .....110.9 MS
KD4BJD BENSON ..... NC
N4XRY MOUNT AIRY ..... NC
N4AW ANDERSON ..... SC
W4GEY FLORENCE ..... SC
W4TRC KNGSPT/BAYS MT ..... TN
WD4MWQ MCMINNVILLE ..... TN
WA4RWK MEDINA ..... TN
W4SKH OAK RIDGE ..... TN
W4WRN STAUNTON ..... VA
WA4KXV VIRGINIA BEACH ..... VA
KJ8E LOGAN/WRD RK MT ..... WV
N8NBL PARKERSBURG (OH) ..... WV
146.3800 / 146.9800
W4BEJ ELIZABETHTOWN ..... KY
146.3850 / 146.9850
K4KNS AUGUSTA .....100.0 GA
KC4ZGN ELLIJAY/TALONA M .....77.0 GA
KN4FE WARM SPRINGS ..... GA
N4SEI #JONATHAN CREEK ..... KY
N5LRQ COLLINS .....136.5 MS
KB5DMT SENATOBIA .....107.2 MS
K4OGB ALBEMARLE .....100.0 NC
WD4PVE MARION .....118.8 NC
KC4PRD NASHVILLE ..... TN
KK4MW #CLINCHCO .....103.5 VA
KE4SCS PETERSBURG .....131.8 VA
W4CA ROANOKE/POOR MT ..... VA
KF8LL NEW MARTINSVILE ..... WV
146.4000 / 147.0000
WA4NNO ATLANTA ..... GA
K5UFH CORINTH ..... MS
KE5TL #VANCLEAVE ..... MS
N5DXM WATER VALLEY ..... MS
WD4FVO JACKSONVILLE ..... NC
KD4HTW MARION ..... SC
WB4YXZ PICKENS ..... SC
KD4CWB #KNOXVILLE .....100.0 TN
W4ZJM MEMPHIS .....* TN
W4LG SUFFOLK .....100.0 VA
K8WMX ST ALBANS ..... WV
147.6000 / 147.0000
W4EEE BOGART ..... GA
KE4LR SHELBYVILLE ..... KY
KG4M WILLIAMSBURG ..... KY
WC5ULN COLUMBUS ..... MS
W5IQ JACKSON ..... MS
WW4DC THOMASVILLE .....88.5 NC
W4CBX BLOUNTVILLE ..... TN
WD4SGA CLARKSVILLE ..... TN
KA6UHV COLLEGEDALE .....131.8 TN
KD8ZR TERRA ALTA ..... WV
146.4150 / 147.0150
N4GIS CARTERSVILLE .....100.0 GA
N4YSB YADKINVILLE ..... NC
AB4M LYNCHBURG .....131.8 VA
K4AXO NORTON/HIGH KNB .....88.5 VA
147.6150 / 147.0150
K4EDN BONAIRE .....82.5 GA
KF4UM HINESVILLE ..... GA
AD4RU IRVINE ..... KY
N5JHK MONTICELLO ..... MS
NC4LC LINCOLNTON .....141.3 NC
KD4MYE RALEIGH ..... NC
W4GL SUMTER .....156.7 SC
AF4TZ NASHVILLE ..... TN
AA4KS RCKWD/MT ROSVLT ..... TN
WF4Q UNION CITY .....107.2 TN
AA8TH RICHWOOD ..... WV
146.4300 / 147.0300
WV5D LAUREL ..... MS
KU4OL MOUNTAIN REST ..... SC
K4YTZ ROCK HILL ..... SC
WA4JST RICHMOND ..... VA
147.6300 / 147.0300
W4REI ATLANTA/AIRPORT ..... GA
KD4ULE HOPKINSVILLE .....103.5 KY
W4PJZ LOUISVILLE .....151.4 KY
W5LDD OCEAN SPRINGS ..... MS
KG4BTN GREENSBORO .....131.8 NC
KB4DJT ROANOKE RAPIDS ..... NC
KF4CVO BARNWELL .....156.7 SC
K4NMB #N. MYRTLE BEACH ..... SC
W4BV FAYETTEVILLE ..... TN
W4EM MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KC8IT MULLENS ..... WV
WB8ECC ST.MARYS/BENS RG ..... WV
146.4450 / 147.0450
K4AIH ANDRWS/ROBNSVL .....151.4 NC
147.6450 / 147.0450
KE4ZRT DOUGLAS .....141.3 GA
KD4AOZ WATKINSVILLE .....123.0 GA
KJ4VF GRETHEL .....100.0 KY
KE4OOS PARIS .....141.3 KY
KB5CLC MORTON .....141.3 MS
W4NHV LUMBERTON ..... NC
KC4MJC #STATESVILLE .....77.0 NC
K4ILT ST. GEORGE .....123.7 SC
WD4OZN BOLIVAR ..... TN
W5BAK LIVINGSTON ..... TN
K4AYN NASHVILLE ..... TN
KE4CKJ STAUNTON/EL.KB .....131.8 VA
WA4SBC VIRGINIA BEACH ..... VA
K4DWF DELAND, FL .....103.5 ZZ
146.4600 / 147.0600
W4CQ CHARLOTTE ..... NC
KD4LDU CHARLESTON .....141.3 TN
KF4AGO SOUTH BOSTON ..... VA
KA8PNC PRINCETON ..... WV
147.6600 / 147.0600
WA4DDI MACON ..... GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N4CLA ROSWELL ..... GA
W4UCJ THOMASVILLE ..... GA
K4LOL BOWLING GREEN .....156.7 KY
W4NJA PADUCAH .....103.5 KY
N5OCF RICHTON ..... MS
KB4BR MACO ..... NC
W4VFR SUMTER/SHAW ..... SC
KB4UG GREENEVILLE .....186.2 TN
WA4MQQ MEMPHIS ..... TN
N4VFB SHELBYVILLE ..... TN
WB4VWR ENON .....107.2 VA
N8ZAR BUCKHANNON .....123.0 WV
147.6700 / 147.0700
N4NMC LOUISVILLE .....151.4 KY
146.4750 / 147.0750
NM8T SMITHERS ..... WV
147.6750 / 147.0750
W4CLA CLAXTON ..... GA
W4GR LAWRENCEVILLE .....82.5 GA
N4TLP OWINGSVILLE ..... KY
NC5Y JACKSON ..... MS
K4CCR NEWTON .....88.5 NC
KD4JFN PITTSBORO .....146.2 NC
KT4BU EASTOVER .....156.7 SC
WQ4E GREENBRIER .....107.2 TN
WB4GBI KNOXVILLE ..... TN
WF4Q MCNAIRY .....107.2 TN
AD4ZK NORFOLK ..... VA
W4PNT WAYNESBORO ..... VA
KE8MR MORGANTOWN .....103.5 WV
147.6900 / 147.0900
KE4RWR BAINBRIDGE ..... GA
KC4YHM EATONTON .....179.9 GA
K2YRW YOUNG HARRIS ..... GA
KF4CWK DAWSON SPRINGS .....103.5 KY
KJ4YK PHELPS ..... KY
KB5DSN AMORY ..... MS
N5MRS NEW HEBRON ..... MS
WB5FXH #SUMNER ..... MS
W4GDF GREENVL/ESTN NC ..... NC
KI4DH STAR/BISCOE .....100.0 NC
KF4ATU ORANGEBURG .....156.7 SC
K4JLA SPARTANBURG ..... SC
AD4QG EVA ..... TN
K4NLP JAMESTOWN .....100.0 TN
W4GMM MEMPHIS .....107.2 TN
W4BRC GALAX/BRIRP MT ..... VA
N4TZE GOOCHLAND ..... VA
N4RAG MARLINTON .....131.8 WV
147.7050 / 147.1050
WB6RTH ATLANTA .....107.2 GA
KF4DG PEMBROKE ..... GA
N4EQT FRANKFORT .....107.2 KY
WA4ZAC HARLAN ..... KY
W5SAR WAYNESBORO ..... MS
K4ITL BROADWAY .....82.5 NC
WA4KNI HENDERSONVILLE ..... NC
KD4NEC CLEVELAND ..... TN
K4TC HENDERSON ..... TN
W4LYR LEBANON .....100.0 TN
WB4JBQ BEDFORD ..... VA
KB4ZIN WILLIAMSBURG ..... VA
KA8AUW SPENCER .....100.0 WV
147.7200 / 147.1200
W4CMA CEDARTOWN ..... GA
K4HCA CLARKESVILLE ..... GA
K4AN #LINCOLNTON ..... GA
KA4KMT #LOUISVILLE ..... KY
WB4ASZ WINCHESTER ..... KY
NO5N ACKERMAN ..... MS
N4GAS GASTONIA/SPCR MT ..... NC
WN4Z ROCKY MOUNT .....131.8 NC
W4GS MYRTLE BEACH ..... SC
W4GGM COLUMBIA .....127.3 TN
N4WAH MEMPHIS .....107.2 TN
K4EAJ OAK RIDGE .....82.5 TN
WB8POC PATRICK SPRINGS .....107.2 VA
WB8DKM BRIDGEPORT ..... WV
WB8NAM MADISON ..... WV
147.7350 / 147.1350
N4BZJ DALTON .....118.8 GA
WR4SG LAKE PARK .....141.3 GA
K4GK MILLEDGEVILLE .....123.0 GA
KF4CME BARBOURVILLE .....100.0 KY
KE4SZK FRANKLIN .....136.5 KY
KF4WMM SANDY HOOK .....107.2 KY
KB5UIX VOSSBURG .....136.5 MS
K4HXZ BREVARD ..... NC
K4ITL CHAPEL HILL .....82.5 NC
WA4US WILMINGTON .....67.0 NC
KF4GPE CHESTERFIELD ..... SC
KG4BZN WALTERBORO ..... SC
WB4EDS ALAMO ..... TN
N4AZJ PEARISBURG .....100.0 VA
KC4VDZ RICHMOND .....107.2 VA
KE8MR DAVIS .....103.5 WV
KC8TLG ROCKPORT .....123.0 WV
AA2LD VINELAND, NJ .....156.7 ZZ
147.7500 / 147.1500
WB4GQX CUMMING ..... GA
WA4IDS SAVANNAH ..... GA
KD4YGK LEBANON JCT. .....203.5 KY
KI5WI BOONEVILLE ..... MS
KF5IZ PEARL/RANKIN CO .....88.5 MS
K4VLY MORGANTON ..... NC
K4ITL ROANOKE RAPIDS .....82.5 NC
WD4NUN MONCKS CORNER ..... SC
WA4PCD NASHVILLE WEST .....114.8 TN
K4EAJ OAK RIDGE .....82.5 TN
KB4RFN CLINCHCO .....88.5 VA
KB8YDG RICHWOOD .....100.0 WV
147.7650 / 147.1650
KE4ZRT DOUGLAS .....141.3 GA

KF4XH #MACON ..... GA
N4NEQ MORGANTON .....151.4 GA
N4OME TYRONE ..... GA
W4WSM BOWLING GREEN ..... KY
WA4HBM LEXINGTON ..... KY
WB4UBY PRESTONSBURG ..... KY
W4UJA HIGH POINT ..... NC
KD4PBK LUMBERTON .....88.5 NC
W4GWD GREENWOOD .....107.2 SC
KF4BRS ERWIN/UNICOI ..... TN
WA4CEX PURYEAR ..... TN
KR4BT SPARTA/WHITE .....123.0 TN
W4CM NEWPORT NEWS ..... VA
KA8TCF WESTON ..... WV
147.7800 / 147.1800
N4BMA AUGUSTA ..... GA
WD4NHW BALDWIN ..... GA
WB4BDP WARNER ROBINS ..... GA
KE4ZJT LONDON .....151.4 KY
W4CN LOUISVILLE .....88.5 KY
KC5LIO WEST POINT ..... MS
WA1YYN EFLAND .....156.7 NC
AC4RC WILMINGTON .....88.5 NC
W4DXA FORT MILL ..... SC
W4HNK SUMMERVILLE .....123.0 SC
WD4DES CLEVELAND .....118.8 TN
WA4KOG MEMPHIS ..... TN
K4ZGA NASHVILLE .....114.8 TN
KB4YKV AMELIA COURTHSE ..... VA
WD4ITN MONTEREY .....100.0 VA
N4NRV PKS KB/PULASKI .....103.5 VA
WD8OHX LEON ..... WV
147.7950 / 147.1950
K4JPD ATLANTA ..... GA
W4UCJ BOSTON ..... GA
KT4SH CADIZ .....103.5 KY
KJ4VF LEXINGTON ..... KY
WA4NIN #LENOIR ..... NC
KO4CW RALEIGH .....88.5 NC
W4APE FLORENCE ..... SC
KC4FV ARNOLD A.F.B. ..... TN
KD4CWB KNOXVILLE .....100.0 TN
AF4OQ SARDIS .....94.8 TN
WA4RTS LYNCHBURG .....136.5 VA
WT4RA SMITHFIELD .....100.0 VA
NV8H LOGAN SOUTH .....100.0 WV
147.8100 / 147.2100
KF4GHF CONYERS .....162.2 GA
K4NLX SAVANNAH ..... GA
KB4DFK BLACK MOUNTAIN .....103.5 KY
K4HY OWENSBORO .....110.9 KY
N5SPJ UNION .....100.0 MS
W4BUZ GREENSBORO ..... NC
W4SLH ORIENTAL .....151.4 NC
W4NTQ WHITEVILLE ..... NC
K4AVU LITTLE MT. ..... SC
N4WS COOKEVILLE ..... TN
WF4Q JACKSON .....107.2 TN
KB8NJH AMBER RIDGE .....107.2 WV
N8FMD CLARKSBURG .....103.5 WV
147.8250 / 147.2250
KG4ABK DOERUN ..... GA
W4RLP SUMMERVILLE .....100.0 GA
KG4OOZ LITCHFIELD .....179.9 KY
N4DRL BYHALIA ..... MS
W5BJT #FRENCH CAMP ..... MS
WB4SRV CLAREMONT .....162.2 NC
WF4AGC HILLSBOROUGH ..... NC
W4DTW ST GEORGE ..... SC
NO4Q MCEWEN ..... TN
WB4OAH MORRISTOWN ..... TN
KA4VXR HAMPTON .....136.5 VA
WB8NRK PRINCETON .....114.8 WV
KA1OKQ CONCORD, NH .....100.0 ZZ
147.8400 / 147.2400
AE4JO EMERSON .....103.5 GA
WB4NFG IRWINTON .....77.0 GA
KC4QK ASHLAND .....107.2 KY
W4GZ FARMINGTON .....91.5 KY
KC4AI FRANKFORT .....100.0 KY
KF4TLT HYDEN .....186.2 KY
W5PBB PELAHATCIE .....77.0 MS
N5ELS TUPELO ..... MS
W2SE CARTHAGE ..... NC
KG4JIA CHERRY MTN .....94.8 NC
W4GHZ FRANKLIN .....151.4 NC
W4IAR HILTON HEAD ..... SC
AC4VT LANCASTER .....88.5 SC
W4LCZ GALLATIN .....114.8 TN
KD4ZTK BOYDTON ..... VA
N4MGQ ELK CRK/IRON MT .....107.2 VA
AB8WB #GASSAWAY .....123.0 WV
147.8550 / 147.2550
KR4NQ SNELLVILLE .....107.2 GA
AE4PO WAYCROSS .....141.3 GA
N4IOX #DIXON ..... KY
K4CO HIGHLAND HTS. .....123.0 KY
KC5RC LAUREL ..... MS
KJ4AV ASHEBORO ..... NC
WA4KNI HENDSVL/PENIC ..... NC
W4RRC LEESVILLE .....123.0 SC
WA4JA FRANKLIN ..... TN
KJ4SI PETROS/FRZ HD MT ..... TN
K4BW ACCOMAC .....156.7 VA
WD4CYZ #CLINCHCO ..... VA
KC8CNL HINTON .....100.0 WV
WA8LLM PARKERSBURG ..... WV
147.8700 / 147.2700
KF4ZUR ALLENHURST .....162.2 GA
W4VIR AMERICUS ..... GA
KF4GHF COVINGTON .....162.2 GA
WB4EJK LOUISVILLE .....151.4 KY
KE4AIE ST. CHARLES ..... KY

WB5USN ABERDEEN ..... MS
K5ZRO VICKSBURG .....100.0 MS
W4CQ CHARLOTTE ..... NC
AK4H RALEIGH/BENSON ..... NC
N4SM WAYNESVILLE ..... NC
W4ANK CHARLESTON AREA ..... SC
WA4JRJ SENECA/LONG MT ..... SC
WA4YQC GALLATIN .....114.8 TN
WB0TMC JACKSON ..... TN
NE4FH JOHNSON CITY ..... TN
WB4IKL GUM SPRING ..... VA
KB4QWO ROANOKE/POOR MT ..... VA
WV8AR SCOTT DEPOT .....123.0 WV
147.8850 / 147.2850
W4PVW ASHBURN/TIFTON .....141.3 GA
KA5WZY ATLANTA ..... GA
KC4WWU KINGSLAND .....118.8 GA
KC4ZFH LONDON ..... KY
KA4FGA #MARION ..... KY
N5LJC COLUMBIA ..... MS
KB5TGA CORINTH ..... MS
N4ADM AIKEN ..... SC
N4LV MYB BCH/BRKSVIL ..... SC
W4RCW #WHITE OAK MTN ..... SC
KF4JPT PIKEVILLE ..... TN
KF4KVG MARTINSVILLE .....107.2 VA
KA4ZIP WARSAW ..... VA
W8LG PINEVILLE ..... WV
N8HQN SPRUCE KNOB ..... WV
W3PS OCEAN CITY, NJ .....146.2 ZZ
147.9000 / 147.3000
N4ALE COLBERT ..... GA
WB4YSV ROME ..... GA
WR4MG WARNER ROBINS .....107.2 GA
K4ICN ALLEN .....123.0 KY
WA4SJH SPRINGFIELD ..... KY
KA5LNY MAGEE ..... MS
W4YSB JEFFERSON .....103.5 NC
N4JEX KANNAPOLIS .....136.5 NC
W4MZP RED SPRINGS ..... NC
WB4IUY WILSON .....88.5 NC
K4LWS AWENDAW .....103.5 SC
W4CAT GALLATIN .....114.8 TN
W4BBB KNOXVILLE/RACK .....100.0 TN
WA4ADT MEMPHIS .....107.2 TN
W4LG FRANKLIN .....131.8 VA
KI4ZR LEXINGTON .....131.8 VA
WB8NSL HARISVL/PENSBRO ..... WV
147.9150 / 147.3150
AD4EO DOUGLAS .....141.3 GA
W4STJ FORSYTH .....88.5 GA
W4LJM #HODGENVILLE ..... KY
KC4VXR SALEM ..... KY
N5DWU WAYNESBORO ..... MS
KF4HFQ ROLESVILLE .....88.5 NC
K4MPJ SAURATOWN MT .....100.0 NC
K4PPD SHALLOTTE ..... NC
K4JLA SPARTANBURG ..... SC
KD4HZN ROGERSVILLE .....114.8 TN
N4ARK SPARTA .....123.0 TN
AJ4D TELLICO PLAINS .....141.3 TN
K4HWQ GRUNDY ..... VA
W3PS PHILADELPHIA, PA .....156.7 ZZ
147.9300 / 147.3300
W3LAP COCHRAN .....77.0 GA
WB4BXO LAGRANGE ..... GA
K4NLX SAVANNAH ..... GA
N4MTN TOCCOA ..... GA
WA8KWH ASHLAND ..... KY
KA4CFW OWLING GREEN ..... KY
WD4KNE #MT. STERLING ..... KY
N4IUI #PROVIDENCE ..... KY
N5EPP PHILADELPHIA ..... MS
W4LPL FAYVLLE/FT BRAGG ..... NC
KN4K LENOIR/HIBRITN .....141.3 NC
KF4GHC COLUMBIA .....156.7 SC
WD4ORB MORGAN COUNTY .....82.5 TN
WD4RBJ PULASKI .....100.0 TN
KI4ZR LEXNGTN/ROCK MT. ..... VA
147.9450 / 147.3450
N4NEQ ATLANTA/MARIETTA .....151.4 GA
N4PJR JESUP/SCREVEN ..... GA
WD4JZH LEBANON .....151.4 KY
KF4TLT STINETT ..... KY
KG5SF GREENVILLE ..... MS
N5ZMZ UTICA ..... MS
WA4IXW MADISON .....103.5 NC
W4NYR SHELBY ..... NC
KF4DTL SYLVA .....151.4 NC
WA4TEP HAVELOCK/NTN ..... NC
KF4CDR ADAMS RUN (CHAS) ..... SC
KB4RRC PALMETTO ..... SC
K4BBN CROSS PLAINS ..... TN
K4PHT DAYTON ..... TN
NM4L ABINGDON .....103.5 VA
KC4KMY EASTVILLE .....156.7 VA
W3RUA FRANKLIN ..... WV
NU8K LOGAN/SUMERCO ..... WV
147.9600 / 147.3600
WA5CR DOUGLASVILLE .....88.5 GA
WA4HZX DUBLIN ..... GA
KQ9Z LOUISVILLE ..... KY
W5CJR HATTIESBURG ..... MS
KC5QGC LOUISVILLE ..... MS
K5SVC NATCHEZ .....100.0 MS
WA4J BOONE/RICH MTN .....103.5 NC
WD4LDB DURHAM ..... NC
W4PET LUMBERTON ..... NC
N4EOY COLUMBIA ..... SC
KA4OAK LAFOLLETTE ..... TN
W4BS MEMPHIS .....107.2 TN
AF4TZ NASHVILLE ..... TN
K4KLX PARIS ..... TN

KA4CBB CHESTERFIELD ..... VA
KB4OLM STUARTS DRAFT ..... VA
N8FWL BECKLEY .....123.0 WV
WV8TC MIDDLEBOURNE .....110.9 WV
K7SOB SKYLINE .....127.3 WV
147.9750 / 147.3750
K4TQU ATHENS/CRAWFRD .....127.3 GA
KB4VAK LAFAYETTE .....77.0 GA
K4XVZ BUCKHORN LAKE .....103.5 KY
KD4YGK CENTER .....151.4 KY
W4ATN WALTON .....123.0 KY
KA5VFU GULFPORT ..... MS
KD4WAR BURNSVILLE ..... NC
K4GWH GRAHAM .....114.8 NC
KD4EAD GREENVILLE .....151.4 NC
KI4CB GEORGETOWN ..... SC
K4LEO #GREENWOOD ..... SC
KN4HL DICKSON ..... TN
W4NRV PEARISBURG .....100.0 VA
WD8LNB GRAFTON .....118.8 WV
147.9800 / 147.3800
WB5NAY PONTOTOC ..... MS
147.9900 / 147.3900
KE4SNT #BLACK ROCK MT ..... GA
W4CJB PEMBROKE ..... GA
W4OHH THOMASTON .....131.8 GA
KE4INT #ARTEMUS .....107.2 KY
WR8CRA COVINGTON ..... KY
KF4TOL CRESTWOOD .....151.4 KY
N8QOW LOUISA .....127.3 KY
KC5QHP FOREST .....100.0 MS
WB4IUY CLAYTON .....88.5 NC
WA4QBG EDEN/STONEVILLE ..... NC
WA4CHZ LOCUST .....100.0 NC
K4PPD SHALLOTTE ..... NC
N4DTR WAYNESVILLE ..... NC
KA4FEC LEXINGTON ..... SC
KF4L #CLARKSVILLE ..... TN
K4DPD DAYTON/RHEA CTY ..... TN
WB4VXX #LEWISBURG ..... TN
KQ4E #MORRISTOWN ..... TN
WA4BJY OAKFIELD ..... TN
K4ARO PETERSBURG ..... VA
N8RCG KEYSER .....123.0 WV
WV8D LEWISBURG .....100.0 WV
WD8CYV PARKERSBURG .....141.3 WV
146.5900 / 147.5900
K4JPE #DURHAM .....250.3 NC

220 MHZ

222.1800 / 223.7800
WD8OHX #LEON ..... WV
222.3000 / 223.9000
WB4SJV HERMITAGE ..... TN
222.3400 / 223.9400
KC4QK ASHLAND ..... KY
W4ZJM MEMPHIS .....*# TN
222.3600 / 223.9600
WR3S SMITHVILLE ..... TN
AA2LD MILLVILLE, NJ .....156.7 ZZ
222.3800 / 223.9800
W4CAT GALLATIN .....107.2 TN
W3PS OCEAN CITY, NJ .....156.7 ZZ
222.4200 / 224.0200
WB4JEH #CONYERS ..... GA
222.4600 / 224.0600
W4NYR SHELBY ..... NC
222.5000 / 224.1000
KA4UHL NANCY .....100.0 KY
KF4TNP LEWISBURG ..... TN
WB4YHD FAIRFAX ..... VA
N4OH ROANOKE ..... VA
222.5200 / 224.1200
N4NFP ATLANTA/MARIETTA .....151.4 GA
WM4MD MIDDLESBORO .....82.5 KY
K4ITL CHAPEL HILL ..... NC
W4GL SUMTER ..... SC
WV8B FLAT TOP/WINTRPL .....100.0 WV
222.5400 / 224.1400
KD4ALC WALESKA ..... GA
W5SAR WAYNESBORO ..... MS
WR4BEG SOPHIS/RANDLEMAN ..... NC
WB4QHF PICKENS/CSRS HD .....131.8 SC
KB4PNG ONEIDA ..... TN
N4HRV CHARLOTTESVILLE .....88.5 VA
WR8M WILLIAMSON ..... WV
222.5600 / 224.1600
KC4JNN BISKEY MTN .....100.0 GA
KN4K LENOIR/HIBRITN ..... NC
K4ITL RALEIGH ..... NC
N7GZT COLUMBIA ..... SC
WR3S NASHVILLE ..... TN
KF4VED BLUEMTN ..... VA
222.5800 / 224.1800
N4YDX DALLAS ..... GA
KA4NRL CHARLESTON ..... SC
KB8FPK ERWIN .....88.5 TN
WA1ZMS BEDFRD/APL ORCH .....100.0 VA
222.6000 / 224.2000
KC4OVY #ATLANTA-NE .....100.0 GA
WA4US WILMINGTON ..... NC
W4ILY GREENVILLE ..... SC
W4CBX BLOUNTVILLE ..... TN
WA4JAS HAMPDEN-SYDNEY ..... VA
WB4GUG STUART .....107.2 VA
222.6200 / 224.2200
AD4CR VERSAILLES ..... KY
NF4C ROCKY MOUNT ..... NC
KB4FZK KNXVL/CROSS MT .....100.0 TN
KO4BN SPRINGFIELD ..... TN
N3HXT WINCHESTER ..... VA
KC8LRN HILLSBORO .....131.8 WV
222.6400 / 224.2400

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N4YYD FT MT/CHATSWTH .....71.9 GA
WA4KNI HENDSVL/BERWLW ..... NC
KE4QOX KVILLE/HIPOINT .....107.2 NC
N8FWL BECKLEY .....123.0 WV

222.6600 / 224.2600
KE4QFG MARIETTA .....110.9 GA
KF4ZTB GARRETT ..... KY
WA4BVW ASHVL/MT PISGAH ..... NC
WR4AGC HILLSBOROUGH ..... NC
N4PYI SHORT MTN. .....114.8 TN

222.6800 / 224.2800
N4BLR ATLANTA ..... GA
AC4RZ PICKENS ..... SC
KA4OAK LAFOLLETTE ..... TN
AB4M LYNCHBURG ..... VA

222.7000 / 224.3000
WA4KM TEMPLE .....100.0 GA
KA4MKT LOUISVILLE ..... KY
N4AI SOMERSET ..... KY
WA4WRS BARIUM SPRINGS ..... NC
KE4CKJ STAUNTON/EL KNOB .....131.8 VA

222.7200 / 224.3200
N4MTA ACWORTH/ATL .....123.0 GA
KA4SQN JACKSONVILLE ..... NC
W4IT PICKENS/SASFR MT ..... SC
KK4US CLEVELAND ..... TN

223.7200 / 224.3200
K4TDO LYNCH ..... KY

222.7400 / 224.3400
W4DOC ATLANTA ..... GA
WW4DC THOMASVILLE .....88.5 NC
WB4GBI KNOXVILLE ..... TN
KM4OI TYSONS CORNER ..... VA
N8FWL BECKLEY/OAK HILL .....123.0 WV

222.7600 / 224.3600
N4BZJ DALTON ..... GA
WB4PAC #GRIMESLAND ..... NC
WA4TG MARSHALL ..... NC
WR3S LAVERGNE ..... TN
KE4JSV LURAY ..... VA
WB8YST CHARLESTON .....107.2 WV

222.7800 / 224.3800
N4RBT DAHLONEGA .....100.0 GA
WR4AMS META ..... KY
N4OQJ KNOXVILLE .....100.0 TN
WS4W RIDGEWAY ..... VA

222.8000 / 224.4000
KC4AQS JASPER .....100.0 GA
W4BFB CHARLOTTE ..... NC
WB4QHF PICKENS .....131.8 SC
KB4YGI COLLIERVILLE ..... TN
N4RBB MORRISTOWN ..... TN
W3PS POTTSTOWN, PA .....156.7 ZZ

222.8200 / 224.4200
KD4AOZ WATKINSVILLE .....123.0 GA
AC4AO LEXINGTON ..... KY
W4BS MEMPHIS ..... TN
WD4GSM NORTON/HIGH KNB ..... VA
WB8POC PATRICK SPRINGS .....103.5 VA
WD4KHP BELL KNOB ..... VA

222.8400 / 224.4400
N4NEQ ATLANTA/MARIETTA .....151.4 GA
WB4GUG GREENSBORO .....107.2 NC
KN4CW WEST SPRINGS ..... SC
KC4TFQ #NASHVILLE ..... TN
N2FUV SEVIERVILLE ..... TN
N8FWL BLUEFIELD .....123.0 VA

222.8600 / 224.4600
N4BZJ DALTON .....118.8 GA
KB0Y VALDOSTA .....141.3 GA
K4XYZ BUCKHORN LAKE .....103.5 KY
KC4ZTJ SHELBY ..... NC
WR3S NASHVILLE ..... TN

222.8800 / 224.4800
KE4IPX NORCROSS ..... GA
KC4FWC LOCUST ..... NC
K4ZGA NASHVILLE ..... TN
KD4HZN ROGERSVILLE ..... TN

222.9000 / 224.5000
N4MTA ACWORTH/ATL .....123.0 GA
N4FND SHEPHERDSVILLE .....151.4 KY
N4DRL BYHALIA ..... MS
AD4DN WILMINGTON .....88.5 NC
KG4JIA GAFF/THICKETY MT .....123.0 SC
W4BBB KNOXVILLE/RACK .....100.0 TN
K4RCA MARTINSVILLE ..... VA

222.9200 / 224.5200
KE4AIS PINE LOG MTN ..... GA
WR4AMS DORTON ..... KY
KD4CJG ASHEVILLE .....91.5 NC
KR4HJ LEXINGTON .....107.2 NC
K4RWN LITTLE MTN ..... SC

222.9400 / 224.5400
N4YEA DALLAS ..... GA
WA4BVW MT MITCHELL ..... NC
N8ITF SPRINGFIELD .....107.2 TN
WB4PVT HAMPTON .....100.0 VA
N8FWL BECKLEY - WEST .....123.0 WV

222.9600 / 224.5600
W4RRG LOOKOUT MT ..... GA
KD4RXF LANCASTER ..... SC
WB4YZF FAYETTEVILLE ..... NC
N5CWH COLUMBIA .....162.2 SC
AC4JF NEWPORT .....100.0 TN

222.9800 / 224.5800
NX9O ALPHARETTA .....100.0 GA
WB4F PIKEVILLE ..... KY
KR4AA ROCKY MOUNT ..... NC
WA4RQF #WALKERTOWN ..... SC
KB4VFD CROSS ..... SC
N4KFI KNOXVILLE .....103.5 TN

223.0000 / 224.6000
W4UWH JASPER .....100.0 GA

WB4PLA ASHEVILLE ..... NC
KC4KUL #THOMASVILLE ..... NC
KD4TZZ MURFREESBORO .....123.0 TN
W4LG LAKE GASTON ..... VA

223.0200 / 224.6200
W4PME ATLANTA/BELL .....100.0 GA
KD4DAR PIKEVILLE ..... KY
KC4IRA GASTONIA .....127.3 NC
KD4JFN HAW RIVER .....107.2 NC
W4UWH GATLINBURG ..... TN
W4GSF GLOUCESTER ..... VA

223.0400 / 224.6400
W4RRG LOOKOUT MT. ..... GA
KG4JIA CHERRY MTN .....71.9 NC
W4RNC RALEIGH ..... NC
WA4RQF WALKERTOWN ..... NC
KC4SWI COLUMBIA ..... SC
KC4RGQ MORRISTOWN ..... TN
N8FWL HINTON/BECKLEY ..... WV

223.0600 / 224.6600
NP2Y YOUNG HARRIS .....100.0 GA
KE4RQL BIG KNB/MARS HIL .....100.0 NC
WA1YYN EFLAND .....107.2 NC
W4VFR SUMTER/SHAW ..... SC
WR3S NASHVILLE ..... TN

223.0800 / 224.6800
N4BZJ DALTON ..... GA
WB4KPF WILMINGTON ..... NC
KA4RCL WAYNESBORO .....131.8 VA
N8FWL WYTHEVILLE .....123.0 VA
W3PS EAGLEVILLE, PA .....156.7 ZZ

223.1000 / 224.7000
W4TV DALLAS ..... GA
WB9SZL CLEMMONS .....100.0 NC
KM4TC DUNCAN .....88.5 NC
KD4VUW GALLATIN ..... TN
KD4IBW SEVIERVILLE .....100.0 TN
K4ARO PETERSBURG ..... VA

223.1200 / 224.7200
W4UWH CLAYTON ..... GA
WR4AMS PRESTONSBURG ..... KY
WA4DAN TRENTON ..... NC

223.1400 / 224.7400
N4KVC DALTON ..... GA
KD4WAR BURNSVILLE ..... NC
N4NCK OXFORD ..... NC
N4PYI NASHVILLE .....100.0 TN
KC4JGC NORFOLK .....100.0 VA
N8FWL BECKLEY - SOUTH .....123.0 WV

223.1600 / 224.7600
W4BOC STONE MT ..... GA
KB7BTU PLYMOUTH .....131.8 NC
W4EXU SALISBURY ..... NC
WQ4E GREENBRIER ..... TN
K4PCK KNOXVILLE ..... TN
WR3S S. PITTSBURG ..... TN
WA4TFZ CHARLOTTESVILLE ..... VA

223.1800 / 224.7800
KC4KLW CEDARTOWN .....179.9 GA
WB5OWY VICKSBURG ..... MS
N4IV EDEN .....103.5 NC
KO4BR ORANGEBURG ..... SC
K4VCM CHATTANOOGA ..... TN
KE4FH JC/BUFFALO MT ..... TN
WA4KOG MEMPHIS ..... TN
W4IY WOODBRIDGE ..... VA

223.2000 / 224.8000
WA4SSJ CONYERS ..... GA
KR4BD LEXINGTON ..... KY
KD4WJD ZEBULON .....88.5 NC
WZ4SC FORT MILL ..... SC
WQ4E GREENBRIAR ..... TN
KD4IBW SEVIERVILLE ..... TN
KC8LRN LEWISBURG ..... WV
KA1OKQ CONCORD, NH .....103.5 ZZ

223.2200 / 224.8200
KK4FI ATLANTA .....77.0 GA
WR4MG HAWKINSVILLE .....107.2 GA
WR4AMS HAZARD ..... KY
N4DWU CANTON ..... NC
KD4LHP KERNERSVILLE .....107.2 NC

223.2400 / 224.8400
W4TL GAINESVILLE .....131.8 GA
WR4MG WARNER ROBINS ..... GA
WA4NC BANNER ELK ..... NC
WA4DAN GRIFTON ..... NC
KC4WGH COALFIELD .....88.5 TN
KC4PRD NASHVILLE ..... TN
N4PLV BEDFORD ..... VA
N8FWL ANSTED .....123.0 WV

223.2600 / 224.8600
KC4JNN ALPHARETTA .....100.0 GA
K4NOC BISHOPVILLE ..... SC
KQ4Q PEARISBURG .....107.2 VA

223.2800 / 224.8800
WD4LUQ YORKVILLE .....77.0 GA
N4AI SOMERSET ..... KY
N4DRL WARSAW ..... MS
K4AIH ANDRWS/ROBINSVL ..... NC
K4DQ FANCY GAP .....100.0 VA

223.3000 / 224.9000
W4LMA MARIETTA ..... GA
N4EQT LAWRENCEBURG .....107.2 KY
N4EOY COLUMBIA ..... SC
WD9JGI SWEETWATER .....127.3 TN
AA4HQ DELTAVILLE ..... VA
K4YDG ROANOKE/TINKER ..... VA

223.3200 / 224.9200
W4CSX SNELLVILLE .....100.0 GA
W4NYK @RNVL/DOWNTWN .....88.5 SC
W4RRG SIGNAL MT ..... TN
WA8O BLUEFIELD ..... VA

223.3400 / 224.9400
WB4KXO AUGUSTA ..... GA
KB4GDS WALESKA ..... GA
AD4RU IRVINE ..... KY
N4JJ FLORENCE ..... SC
WB4NKM GREENEVILLE ..... TN
WA4PCD NASHVILLE ..... TN
AB4EM ROANOKE/CAHAS MT .... VA

223.3600 / 224.9600
PT2RFL ATLANTA/MARIETTA .....100.0 GA
KC4ZTJ CHERRYVILLE ..... NC
W3PS GOLDSBORO .....156.7 NC
N4QVI GREENSBORO ..... NC
N4UQS HENDERSONVILLE ..... NC
WR3S SE NASHVILLE ..... TN
W3PS CHESTER, PA .....156.7 ZZ

223.3800 / 224.9800
K4JSR CUMMING ..... GA
WR4AMS LONDON ..... KY

440 MHZ

426.0500 / 420.0500
KB4CVN LYNCHBURG .....136.5 VA

434.0000 / 421.2500
W4ZTL ATLANTA/BELL ..... GA
K4NLX SAVANNAH ..... GA
KJ4SO DURHAM TV HILL ..... NC
KO4AT GREENSBORO ..... NC
WD4ATV JOHNSON CITY/BUF ..... TN
WA4GSS HUNTINGTON ..... WV
KB8QHO WHEELING ..... WV

439.2500 / 421.2500
W4BEJ ELIZABETHTOWN ..... KY
W4PPN CHARLOTTE ..... NC
N4GUP LEXINGTON ..... SC
WZ4O SUMTER ..... SC
AF4TZ NASHVILLE ..... TN
N4XND GLOUCESTER ..... VA
W4HTB BOWLING GREEN ..... KY
KA5NOJ GAUTIER ..... MS
N3XA WAYNESBORO ..... VA
WA4VHP SAVANNAH ..... GA
W4NYR #SHELBY ..... NC

438.7750 / 433.0750
WA3KOH CHESTERFIELD ..... VA

438.8000 / 433.2000
WD4ICX FANCY GAP ..... VA

426.2500 / 439.2500
N4FHL ROANOKE/POOR MT ..... VA

446.2500 / 441.2500
NQ4Y MONTEAGLE MT. ..... TN

446.3500 / 441.3500
KD4DXR #WALESKA ..... GA
WA4USN KNIGHTSVILLE ..... SC

446.4500 / 441.4500
WA4USN MT. PLEASANT ..... SC

446.5250 / 441.5250
N4KJU PAINTSVILLE .....127.3 KY
KC4JTV WEBSTER ..... KY
KG4AQH GREELEYVILLE ..... SC

446.6000 / 441.6000
WA4AYB RICHMOND ..... VA

446.6250 / 441.6250
W4ERT TAYLORSVILLE .....123.0 NC

446.7250 / 441.7250
W4ERT TAYLORSVILLE .....151.4 NC

446.7750 / 441.7750
KD4YGK LEBANON JCT .....203.5 KY

446.8000 / 441.8000
KC4YNF ACWORTH .....77.0 GA
AF4MI PEMBROKE .....123.0 GA

446.8250 / 441.8250
KA4MLK ROME .....100.0 GA

446.8500 / 441.8500
KF4QLF GRIFFIN ..... GA

446.8750 / 441.8750
K4NRC NEWNAN .....156.7 GA
KD4TZZ MURFREESBORO .....107.2 TN

446.9000 / 441.9000
WB4GQX CUMMING .....141.3 GA

446.9250 / 441.9250
W4CSX DALLAS .....162.2 GA

446.9500 / 441.9500
KE4OKD SANDY SPRINGS .....103.5 GA

446.9750 / 441.9750
KG4BTN GREENSBORO .....162.2 NC

447.0000 / 442.0000
WB6RTH ALPHARETTA .....107.2 GA
AF4UL MACON .....100.0 GA
N4QRL LOUISVILLE ..... KY
KC4IEV GAFFNEY .....114.8 SC
WB4NNX HOHENWALD ..... TN
K4BTL MARYVILLE ..... TN
W4LG GASBURG ..... VA
WB3T WYTHE/WALKER MT .....103.5 VA

447.0250 / 442.0250
W4CML ATLANTA .....127.3 GA
K4OO RALEIGH .....94.8 NC
KD4KMK YADKINVILLE .....100.0 NC

447.0500 / 442.0500
N1KDO MARIETTA .....107.2 GA
KD4ADJ LEXINGTON ..... KY
WA1YYN EFLAND .....107.2 NC
KD4XV JASPER .....127.3 TN
WB4SQC JOHNSON CITY/HOL .....100.0 TN
WA4BJY MEDINA ..... TN

447.0250 / 442.0750
W8BLA ROSWELL ..... GA

447.0750 / 442.0750
N4VOS STANTON ..... KY
KD4PBS APEX .....114.8 NC
K4JLA COLUMBUS .....103.5 NC
N4JDW WILMINGTON .....88.5 NC
KJ4BJ DAYTON ..... TN

KA4BNI LEXINGTON .....107.2 TN
KF4UCI CHARLOTTESVILLE .....151.4 VA

447.1000 / 442.1000
K4HUM NORCROSS .....100.0 GA
N4RBL LOUISVILLE AREA ..... KY
N4IV WENTWORTH .....103.5 NC
K4USC UNION ..... SC
KF4TNP LEWISBURG .....107.2 TN
WD4PAX MILAN ..... TN

447.1250 / 442.1250
KD4GRU BLUERIDGE .....146.2 GA
KG4IWI HENDERSON .....88.5 NC
WT4F PICKENS ..... SC
KB4YFV HILLSVILLE .....103.5 VA

447.1500 / 442.1500
N4SE ROSWELL/BELL .....100.0 GA
KD4RTR DORTON .....167.9 KY
W4UNC CHAPEL HILL .....131.8 NC
WJ9J CHATTANOOGA ..... TN
KA4BNI DRESDEN .....107.2 TN
WD4RBJ PULASKI .....118.8 TN
KD4SUU CHESTERFIELD ..... VA

447.1750 / 442.1750
N4BZJ DALTON .....118.8 GA
K4NGQ FRANKFORT .....67.0 KY
KC4UBR LINVILLE .....136.5 NC
KE4GYN ROXBORO .....156.7 NC
WA4US WILMINGTON ..... NC
KU4ZS SPARTANBURG .....123.0 SC
WA4MM MEMPHIS .....107.2 TN

447.2000 / 442.2000
KF4SKT BLAIRSVILLE ..... GA
N3APR DECATUR ..... GA
N5DWU ELLISVILLE .....167.9 MS
WA4US WILMINGTON ..... NC
N7GZT COLUMBIA .....162.2 SC
N7GZT ORANGEBURG ..... SC
WM4T GRAY .....100.0 TN
WA4BJY OAKFIELD ..... TN
N4IFC LYNCHBURG/T.ROW .....103.5 VA

447.2250 / 442.2250
WB6RTH #ATLANTA .....107.2 GA
WJ9J RCKWOOD/OZONE ..... TN
NO4Q WAVERLY .....110.9 TN
WB4GUG STUART .....107.2 VA

447.2500 / 442.2500
KE4HAC MADRAS ..... GA
N5DWU ELLISVILLE .....167.9 MS
KB4PQA GREENVILLE ..... SC
WD4DES CLEVELAND .....118.8 TN
WA4PGI COVINGTON .....100.0 VA

447.2750 / 442.2750
K4DDH MACON .....100.0 GA
N4ZCM AUBURN ..... NC
KO0NTZ LEXINGTON ..... NC
KF4CFO ETOWAH .....141.3 TN
KE4PFW HENDERSON ..... TN

447.3000 / 442.3000
KW4KW RINGGOLD .....118.8 GA
WW4T STATHAM ..... GA
KC4QPR MORG/WALKER TOP .....94.8 NC
KC4ED SUMMERVILLE ..... SC
WA4UCE COOKEVILLE .....107.2 TN
KC4VDZ RICHMOND .....114.8 VA

447.3250 / 442.3250
W4JLG MABLETON ..... GA
K4JBV INDEPENDENCE .....100 KY
WM4MD MIDDLESBORO .....67.0 KY
WD4ICX ASHEBORO ..... NC

447.3500 / 442.3500
WD4NHW BALDWIN ..... GA
KD4TAH RUSSELLVILLE .....136.5 KY
KF5TU LAKE GASTON .....100.H NC
WA4YGD LINCOLNTON ..... NC
KF5TU MCKINNEY, TX .....100.0 ZZ

447.3750 / 442.3750
KE4QFG MARIETTA ..... GA
KE4YRE SHELBYVILLE ..... KY
WA4PXV HICKORY ..... NC

447.4000 / 442.4000
N4UER WARM SPRINGS ..... GA
KF4JJD GARRETT .....79.7 KY
AA4XV LATONIA ..... KY
KD4WJD ZEBULON ..... NC
WB4HHF PICKENS/CSRS HD .....127.3 SC
KF4YI LYNCHBG/JACK MT. .....107.2 VA

447.4250 / 442.4250
KC4FIE MADISONVILLE ..... KY
K4AE LEXINGTON .....107.2 NC
AF4ZJ CHAT/WALDEN ..... TN
KA4BNI JACKSON .....107.2 TN

447.4500 / 442.4500
W4CML SNELLVILLE ..... GA
KD4CLR LOUISVILLE AREA .....151.4 KY
WA4TOG HENDERSONVILLE ..... NC
N4LMR RALEIGH ..... NC
WD4NED CLEVELAND .....88.5 TN
W8MOP BLUEFIELD ..... VA
WA3KOK CHESTERFIELD .....107.2 VA

447.4750 / 442.4750
K4NVG LAVONIA .....203.5 GA
W4RRG LOOKOUT MT. .....67.0 GA
KE4DGP WILKESBORO .....107.2 NC
AG4AN FOREST ..... VA

447.5000 / 442.5000
AB4KN PEACHTREE CITY .....77.0 GA
KE4PMP VIDALIA .....88.5 GA
KB4RYM LOUISVILLE ..... KY
K4GFY MOREHEAD ..... KY
KG4JIA CHERRY MTN .....94.8 NC
K4YNY WILMINGTON .....88.5 NC
WB4HAP KNOXVILLE .....103.5 TN
W4CA ROANOKE/POOR MT ..... VA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

447.5250 / 442.5250
N4XQM ATLANTA ..... 203.5 GA
KY4JD FORT WRIGHT ..... 123.0 KY
WB3T WYTHEVILLE ..... 103.5 VA
447.5500 / 442.5500
WB4JEH CONYERS ..... 151.4 GA
WD4ELX LOUISVILLE ..... KY
WA4TOG ASHEVILLE ..... NC
K1BUD PITTSBORO ..... NC
W4RAT RICHMOND ..... 127.3 VA
447.5750 / 442.5750
WA4BPY CUMMING ..... 79.9 GA
AE4LW MADISONVILLE ..... 100.0 KY
W4MLU RALEIGH ..... 156.7 NC
NU5O MEMPHIS ..... 77.0 TN
WB4IVB JONESVILLE ..... 100.0 VA
447.6000 / 442.6000
KD4FOC DUBLIN ..... 77.0 GA
WA4OKJ MARIETTA ..... 100.0 GA
KD4ADJ MT STERLING ..... KY
WD4NWV ANDRWS/ROBINSVL ..... 151.4 NC
WA4PXV VALDESE ..... NC
N8ITF SPRINGFIELD ..... 107.2 TN
K4ARO PETERSBURG ..... VA
K4ARO ROANOKE ..... VA
447.6250 / 442.6250
WA4BP GAINESVILLE ..... 131.8 GA
KE4KIV NEWTON ..... NC
WB4EPG MEMPHIS ..... TN
447.6500 / 442.6500
KE4FHN DANIELSVILLE ..... GA
W4RRG LOOKOUT MT ..... 100.0 GA
KD4GEU ASHEVILLE ..... NC
WA1ZMS BEDFRD/APL ORCH ..... 100.0 VA
447.6750 / 442.6750
KE4FVE ATLANTA ..... 100.0 GA
KD4SOH ROCKPORT ..... 77.0 KY
NC4SU RALEIGH ..... 100.0 NC
WA4MPZ BLUFFTON ..... 100.0 SC
447.7000 / 442.7000
KC4ZGN ELLIJAY ..... 77.0 GA
K4NLX SAVANNAH ..... GA
WA4PZN SHELBYVILLE ..... TN
W7CP ROANOKE ..... VA
447.7250 / 442.7250
KE4QFG MARIETTA/ATL ..... GA
KB4YJ LOUISVILLE ..... 151.4 KY
N5LRQ VOSSBURG ..... 167.9 MS
N4GLB SIMPSONVILLE ..... SC
W4RDM COLUMBIA ..... TN
KE4MBR DECATUR ..... 141.3 TN
KF4RMT BASSETT ..... VA
KB8PCW GILBERT ..... WV
447.7500 / 442.7500
N3DAB JASPER ..... 141.3 GA
KD4HEY ANDERSON ..... 162.2 SC
WD4KZK ROANOKE/MILL MT ..... 107.2 VA
447.7750 / 442.7750
K4VJM FLOWERY BRANCH ..... GA
KC4FIE MADISONVILLE ..... KY
KG4LWG GASTONIA ..... 123.0 NC
KF4CDR CHARLESTON ..... SC
AE4PZ MOUNTAIN REST ..... 127.3 SC
KE4CIF PULASKI ..... VA
447.8000 / 442.8000
N4NFP ATL/MARIETTA ..... GA
N4AAD YADKINVILLE ..... 100.0 NC
WD4LUR LAKE CITY ..... 100.0 TN
KB4AIC GUM SPRING ..... VA
447.8250 / 442.8250
W1CP CLAYTON ..... 162.2 GA
KC4ENL HAPEVILLE ..... 167.9 GA
WA1YYN SAURATOWN MT ..... 131.8 NC
WF4G MEMPHIS ..... TN
KT4PN ONEIDA ..... TN
447.8500 / 442.8500
WB4HJG LAWRENCEVILLE ..... 82.5 GA
W2HR GILBERTSVILLE ..... 103.5 KY
AC4AZ BREVARD ..... NC
KA4IXK ROANOKE/POOR MT ..... VA
WB8NSL PENNSBORO ..... 103.5 WV
447.8750 / 442.8750
PT2RFL ATLANTA/MARIETTA ..... 100.0 GA
W3LAP COCHRAN ..... 77.0 GA
W4GSO GREENSBORO ..... 88.5 NC
KD4DMS SPIVEY'S CORNER ..... NC
KC4WHL HARRIMAN ..... 136.5 TN
KF4OCK LORETTO ..... 203.5 TN
447.9000 / 442.9000
K3TD BUFORD ..... 103.5 GA
WR4MG WARNER ROBINS ..... GA
W4CMR IRVINE ..... KY
WW4DC THOMASVILLE ..... 88.5 NC
N4WT CHATT/HIXSON ..... TN
KE4CES JACKSON ..... 114.8 TN
W4MT NEWPORT NEWS ..... 100.0 VA
447.9250 / 442.9250
KC4YHM EATONTON ..... GA
K4CH LEXINGTON ..... 107.2 NC
WD4OAR WHITE OAK MT ..... 100.0 TN
KB8QKM CHARLESTON ..... 71.9 WV
447.9500 / 442.9500
AA4AI ATHENS ..... 179.9 GA
N4XGI ST SIMONS ISLAND ..... 131.8 GA
W4ERT TAYLORSVILLE ..... 151.4 NC
KC4YLL PARIS ..... 123.0 TN
AB4FU LYNCHBURG ..... VA
447.9750 / 442.9750
WA4YNZ ATLANTA ..... GA
WA4YNZ #ROSWELL ..... GA
KF4DAR KERNERSVILLE ..... 107.2 NC
NK4W LITTLE MT ..... 162.2 SC
KB8KSP ABINGDON ..... 100.0 VA

448.0000 / 443.0000
W4DRC CHATSWORTH ..... GA
KE4ZRT DOUGLAS ..... 141.3 GA
KT4GB BARDSTOWN ..... KY
KD4DVI PADUCAH ..... 179.9 KY
KI4RK PIKEVILLE ..... NC
N4EOY COLUMBIA ..... SC
W4ZJM MEMPHIS ..... # TN
KM4X WHITETOP MT ..... 103.5 VA
WB8EZR HUNTINGTON ..... WV
W3PS LINWOOD, PA ..... 156.7 ZZ
448.0250 / 443.0250
W4CML ATLANTA ..... 127.3 GA
KD4IEZ DUBLIN ..... 156.7 GA
KE4OOL LEXINGTON ..... 123.0 KY
WB4IKY GIBSONVILLE ..... 107.2 NC
N4UAG KNOXVILLE ..... TN
KA8YEZ WHEELING ..... 77.0H WV
448.0500 / 443.0500
NE1H SNELLVILLE ..... GA
W3PS GOLDSBORO ..... 156.7 NC
WB4PUB #NASHVILLE ..... 107.2 TN
N8FWL BECKLEY ..... 123.0 WV
W3PS CHESTER, PA ..... 156.7 ZZ
448.0750 / 443.0750
WX4EMA #MACON ..... 156.7 GA
WR4BEG SOPHIA/RANDLEMAN ..... NC
KA4AZQ KNOXVILLE ..... 100.0 TN
448.1000 / 443.1000
N4KHQ DAHLONEGA ..... 100 GA
N4WJS OWENSBORO ..... 110.9 KY
KE4QOX SAURATOWN MT ..... 88.5 NC
KA4JXT MEMPHIS ..... 107.2 TN
KN4YM POWHATAN ..... VA
KE4QOX BECKLY/OAK HILL ..... 107.2 WV
448.1250 / 443.1250
KU4ML FOSTER ..... KY
KB4PQA CRAB CREEK TWP ..... NC
WA4NNA RALEIGH ..... NC
KT4QL CHATTANOOGA ..... TN
KT4QL CHATTANOOGA ..... TN
KC4PRD GOODLETTSVILLE ..... 107.2 TN
KA4JXT HICKORY VALLEY ..... 107.2 TN
KA4JXT MEMPHIS ..... TN
WB3T MARION ..... 103.5 VA
448.1500 / 443.1500
KF4XH BYRON ..... GA
W4PME ROSWELL/BELL ..... 100.0 GA
KD4PBC MIDDLESBORO ..... 146.2 KY
W4HG SALISBURY ..... 136.5 NC
KD4PBC GATLINBURG ..... 146.2 TN
KD4PBC TRI-CITIES ..... 146.2 TN
K8MHR ST. ALBANS ..... WV
448.1750 / 443.1750
N4GIS CARTERSVILLE ..... GA
KC4COV FLORENCE ..... 131.8 KY
KD4HLH LAURENS ..... 146.2 SC
KF4TNP MT PLEASANT ..... 107.2 TN
WB8POC PATRICK SPRINGS ..... VA
448.2000 / 443.2000
K4YC IVEY ..... 88.5 GA
KD4APP PINE LOG MT ..... 103.5 GA
KC4FWC #STANFIELD ..... 77.0 NC
KD2LH YOUNGSVILLE ..... 88.5 NC
W4WC GREENEVILLE ..... 100.0 TN
W4BS MEMPHIS ..... 107.2 TN
KB4YKV AMELIA ..... VA
448.2250 / 443.2250
WA4DIW JONESBORO ..... GA
KD4TAH FRANKLIN ..... KY
KS4TO WADDY ..... KY
N4ZCM RALEIGH ..... NC
W8LG BECKLEY/BOLT ..... WV
448.2500 / 443.2500
KC4JNN #BISKEY MTN ..... 100.0 GA
KJ4VF DORTON ..... KY
N4JEX CHINA GROVE ..... 136.5 NC
448.2750 / 443.2750
KC4KLW ROCKMART ..... 179.9 GA
KF4TLA ASHEVILLE ..... 103.5 NC
WA4WTX ROUGEMNT/RED MT ..... 100.0 NC
WA4AWI LEBANON ..... 107.2 TN
448.3000 / 443.3000
WW4GA ATHENS ..... GA
KB5DZJ WIGGINS ..... 167.9 MS
KC4KUL ARCHDALE ..... NC
KB4TOH COLUMBIA ..... 131.8 NC
KC4IEV FOREST CITY ..... 123.0 NC
KA7UEC COLLIERVILLE ..... 107.2 TN
WA4KJH GATLBG/COVE MT ..... 127.3 TN
448.3250 / 443.3250
N4JMD STOCKBRIDGE ..... GA
WA4CMO FRANKFORT ..... KY
KF4IXK KERNERSVILLE ..... 131.8 NC
WB3T BLUEFIELD/ONEIDA ..... 103.5 VA
448.3500 / 443.3500
N4YYD FT. MT/CHATSWTH ..... 71.9 GA
K4ULW LOUISVILLE SW ..... KY
W5CJR PETAL ..... MS
N4JEX KANNAPOLIS ..... 136.5 NC
ND4N GRNVLE/PARIS MT ..... SC
WA4AWI DEASON ..... 107.2 TN
K4GX ROGERSVILLE ..... TN
KA1OKQ PETERBORO, NH ..... 110.9 ZZ
448.3750 / 443.3750
KC4AQS JASPER ..... 100.0 GA
W1IFL RALEIGH ..... NC
KF4ZIG INDEPENDENCE ..... 103.5 VA
448.4000 / 443.4000
WB4GWA CONCORD ..... 118.8 GA
K4XYZ BUCKHORN LAKE ..... 103.5 KY
NO5U BRYSON CITY ..... 151.4 NC
WB4GUG SAURATOWN MT ..... 107.2 NC

AD4DN WILMINGTON ..... 88.5 NC
AC4WW AIKEN ..... 107.2 SC
WD4DBJ CUMBERLAND CITY ..... TN
WA4QWW MEMPHIS ..... TN
448.4250 / 443.4250
KD4CPO BRUNSWICK ..... GA
AE4JO ETOWAH VALLEY ..... 103.5 GA
KB4MDE JASPER ..... GA
KD4RTR MILLARD ..... KY
KD4EVB OWENTON ..... 118.8 KY
WA1YYN RES. TRIANGLE PK ..... 156.7 NC
448.4500 / 443.4500
KB4VAK HIGH PT/LOOKT MT ..... 77.0 GA
AE4NU COX'S CREEK ..... 151.4 KY
KC5LCW GAUTIER ..... 123.0 MS
N5WXD WEST POINT ..... MS
N4VOZ STATESVILLE ..... NC
KC4RBA LYNCHBURG ..... 186.2 VA
448.4750 / 443.4750
W4EEE BOGART ..... GA
KC4COV FLORENCE ..... 131.8 KY
KE4UIU CANTON ..... 156.7 NC
W4UNC CHAPEL HILL ..... 131.8 NC
WZ4SC FORT MILL ..... SC
KB8YDD RICHWOOD ..... WV
448.5000 / 443.5000
N4MTA MARIETTA ..... GA
WD9EQC LOUISVILLE ..... KY
KF4BRO MAYSVILLE ..... 123.0 KY
WB4UBY META ..... KY
W5SAR WAYNESBORO ..... MS
AB4JJ WEST JEFFERSON ..... 107.2 NC
N5OWH COLUMBIA ..... 162.2 SC
KD4CWB KNOXVILLE ..... TN
448.5250 / 443.5250
N4PQR KNOXVILLE ..... 114.8 GA
KC4KLW ROME ..... 179.9 GA
KD4EVB BURLINGTON ..... 107.2 KY
N4EUX LENOIR/CAJAH MT ..... NC
KD4MJO SOUTH HILL ..... 100.0 VA
448.5500 / 443.5500
KK4IN DACULA ..... GA
KE4WLP GRIFFIN ..... GA
N4HZX GRAEFENBURG ..... KY
W5SAR WAYNESBORO ..... MS
KC4XE WILKESBORO ..... NC
WB4LRD CHATTANOOGA ..... TN
N3ELM YORKTOWN ..... 100.0 VA
448.5750 / 443.5750
KD4NTF CEDARTOWN ..... 107.2 GA
NU5O SOUTHAVEN ..... 77.0 MS
WA4PXV AIR BELLOWS GAP ..... NC
KA6UHV COLLEGEDALE ..... 131.8 TN
W4LYR LEBANON ..... 100.0 TN
KC8AUY RICHWOOD ..... WV
448.6000 / 443.6000
KA5WZY ATLANTA ..... 146.7 GA
KA4UHL NANCY ..... 100.0 KY
W5PPB RAYMOND ..... 77.0 MS
N4DWU MT MITCHELL ..... NC
W4TLB BIG SANDY ..... 114.8 TN
W8CXD FOREST ..... 136.5 VA
KC8PFI CEREDO ..... WV
448.6250 / 443.6250
K4MDS GRAY ..... GA
KF4OYP JASPER ..... 100.0 GA
KF4NTQ GEORGETOWN ..... KY
AA5RZ JACKSON, EAST ..... MS
W4EUS RES. TRIANGLE PK ..... NC
KE4EAN COWPENS ..... 136.5 SC
KA7UEC COLLIERVILLE ..... 107.2 TN
AD4QG EVA ..... TN
KC4MUN JAMESTOWN ..... 100.0 TN
WZ8E BLUEFIELD ..... 100.0 WV
448.6500 / 443.6500
W4CML ATLANTA ..... 123.7 GA
N4WJS OWENSBORO ..... 110.9 KY
K4AIH ANDRWS/ROBINSVL ..... NC
KD4WAR BURNSVILLE ..... NC
KG4BTN GREENSBORO ..... 88.5 NC
WA4AXH NOLENSVILLE ..... TN
K4UMI HAMPTON ..... VA
448.6750 / 443.6750
N4GWO BARNESVILLE ..... GA
KD4FRP CROWDER'S MT ..... NC
AD4LR PARIS ..... TN
KD4IBW SEVIERVILLE ..... 100.0 TN
K4YD BENT MT ..... 107.2 VA
448.7000 / 443.7000
W4TIY DALLAS ..... GA
KY4KY BROOKS ..... 151.4 KY
K5PN HATTIESBURG ..... 136.5 MS
KE4QOX KVILLE/H POINT ..... 103.5 NC
WA4LBT LOCUST ..... NC
N4JEH ROCKY MOUNT ..... 107.2 NC
K4VVM BARTLETT ..... 107.2 TN
KB4OTK LAFOLLETTE ..... TN
KB8UJG PRINCETON ..... 123.0 WV
448.7250 / 443.7250
KB2DZA CONYERS ..... 77.0 GA
KE5LT PICAYUNE ..... 179.9 MS
KG4WIH GRAHAM ..... 156.7 NC
KC4KPJ CLOVER ..... 127.3 SC
KG4KIJ MONROE CO ..... TN
KB5YJC NASHVILLE ..... 107.2 TN
N8SNY WELCH ..... WV
448.7500 / 443.7500
K4GO COVINGTON ..... 146.2 GA
KC4ZTI GASTONIA/CRWDR ..... NC
WB4EDS ALAMO ..... TN
KD4MSS CHATTANOOGA ..... 100.0 TN
WA4OHX HAMPTON ..... 100.0 VA
KC3FB PATRICK SPRINGS ..... 77.0 VA

448.7750 / 443.7750
W4IXN DULUTH ..... 82.5 GA
KF4INN VERSAILLES ..... KY
WB4SRV CLAREMONT ..... 118.8 NC
KD4JFN HAW RIVER ..... 107.2 NC
KF4Y LAURENS ..... 141.3 SC
KA4MHJ SPENCER ..... 123.0 TN
448.8000 / 443.8000
N4NFP ATLANTA/MARIETTA ..... 151.4 GA
K4MSU MURRAY ..... 114.8 KY
N5IAT NATCHEZ ..... MS
KC4QZL MORGANTON ..... NC
W4HNK MT PLEASANT ..... 123.0 SC
W4HNK SUMMERVILLE ..... SC
KA4AZQ KNOXVILLE ..... 100.0 TN
WA1ZMS BEDFRD/APL ORCH ..... 100.0 VA
W4POX PORTSMOUTH ..... VA
KA8OTX OAK HILL ..... WV
448.8250 / 443.8250
KD4HPD STONE MTN ..... 123.0 GA
KD4EVB FALMOUTH ..... 118.8 KY
K4AVY PRESTONSBURG ..... 127.3 KY
N5ZNS GLOSTER ..... MS
KC4FWC #ROCKINGHAM ..... 77.0 NC
KC4KRM SHELBYVILLE ..... TN
KF4RMT MARTINSVILLE ..... 107.2 VA
WB4KZI PETERSBURG ..... VA
448.8500 / 443.8500
K4PLM #WALESKA ..... 192.8 GA
KC4YOZ DALLAS CHLT ..... 100.0 NC
WA4US WILMINGTON ..... NC
KE4OVN DRESDEN ..... 107.2 TN
N4ULM FRANKLIN ..... TN
KQ4I DANVILLE ..... VA
KB8GK HUNTINGTON ..... 88.5 WV
448.8750 / 443.8750
KD4LXT ATLANTA ..... GA
KC4KPW PINEY KNOB ..... 103.5 NC
KD4KPV MCKENZIE ..... TN
W4DUM WILLIS ..... VA
W8SP FAIRMONT ..... WV
448.9000 / 443.9000
K4RHJ FLOWERY BRANCH ..... 100.0 GA
KC4KZT DAVID ..... 167.9 KY
W4UA HIGH POINT ..... NC
W4GWD GREENWOOD ..... 107.2 SC
KD4HII CHATTANOOGA ..... TN
W4KOC WHITE HOUSE ..... 107.2 TN
448.9250 / 443.9250
KQ4XL MONROE ..... 123.0 GA
W4BAB RINGGOLD ..... GA
N4EQT LAWRENCEBURG ..... 107.2 KY
KE4KNZ MCEWEN ..... TN
K4DHT MOUNTAIN CITY ..... 103.5 TN
KF4AGO SOUTH BOSTON ..... VA
448.9500 / 443.9500
KA4UFM DECATUR ..... 110.9 GA
W4LJM CANE VALLEY ..... KY
N5ZDF HAZLEHURST ..... 100.0 MS
KD4OWV CHARLOTTE ..... NC
WA1YYN HILLSBOROUGH ..... 114.8 NC
WA4US WILMINGTON ..... NC
KC4FV ARNOLD A.F.B. ..... TN
KD4OBX KNOXVILLE ..... TN
N4ER MEMPHIS ..... TN
448.9750 / 443.9750
KB4NPO REX ..... GA
K4TDO HAZARD ..... 103.5 KY
WA4WGY MAYODAN ..... NC
N4VDE LIBERTY ..... 103.5 SC
WR3S LAVERGNE ..... TN
KA4WJS ROCKWOOD ..... TN
N8FIP WESTON ..... WV
449.0000 / 444.0000
WB4QDX LAWRENCEVILLE ..... 127.3 GA
WD4AFY #SAVANNAH ..... GA
AD4RU IRVINE ..... KY
KG5YV CLINTON ..... 100.0 MS
K4JEQ HICKORY ..... NC
KI4RK SELMA ..... NC
W4ULH FLORENCE ..... SC
WD4BKY GALLATIN ..... 107.2 TN
KD4CWB KNOXVILLE ..... 100.0 TN
W4CAR CHESAPEAKE ..... 162.2 VA
KC8IT MULLENS ..... WV
449.0250 / 444.0250
W4CML LAWRENCEVILLE ..... 127.3 GA
AE4PO WAYCROSS ..... 141.3 GA
KD4JFN HIGH POINT ..... 107.2 NC
KC4WHL HARRIMAN ..... TN
K4RDK MEMPHIS ..... TN
449.0500 / 444.0500
N4NEQ ATLANTA/MARIETTA ..... 151.4 GA
KE4NLL SALYERSVILLE ..... 127.3 KY
KB4PTJ WILLIAMSBURG ..... 100.0 KY
N4PYI NASHVILLE ..... 107.2 TN
WB3T FANCY GAP ..... 103.5 VA
KB4OLM STUARTS DRAFT ..... VA
449.0750 / 444.0750
W4FWD CARROLLTON ..... 131.8 GA
KB8SBN INDEPENDENCE ..... 110.9 KY
KD4BOH ROCKPORT ..... 77.0 KY
K4CCR ANDSN MT/DENVER ..... 88.5 NC
KG4JJB LEWISBURG ..... 107.2 TN
KC4PDQ MARYVILLE ..... 100.0 TN
KF4ATY MEMPHIS ..... 107.2 TN
KD4TBC GRETNA/SMITH MT ..... 123.0 VA
K8OJC HURRICANE ..... WV
449.1000 / 444.1000
W4BKM MACON ..... GA
W4WSM BOWLING GREEN ..... KY
N4UL LOUISVILLE ..... 173.8 KY
KB5BRZ MERIDIAN ..... 131.8 MS

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WR4AGC DURHAM ..... NC
KC4AC LANCASTER ..... SC
W4AM CHATTANOOGA ..... TN
KE4FH JOHNSON CITY ..... TN
KA4JXT MEMPHIS ..... TN
KE4CKJ STAUNTON/EL KNOB.....131.8 VA
KB4ZIN WILLIAMSBURG ..... VA
N8ILO PARKERSBURG (OH)..... WV

449.1250 / 444.1250
KE4PVE PENDERGRASS .....100.0 GA
KB8QLC LEXINGTON .....88.5 KY
WB4GUG MCLEANSVILLE ..... NC
KC4ECD LAFAYETTE .....107.2 TN
KA4JXT MEMPHIS ..... TN
N8LVE BECKLEY ..... WV
N8RCG KEYSER .....103.5 WV

449.1500 / 444.1500
W4PME ATLANTA/BELL .....100.0 GA
KD4YGK LEBANON JCT .....203.5 KY
WB4IVB MIDDLESBORO .....100.0 KY
WD5BJT CLERMONT HARBR .....77.0 MS
WB5YCR NEW ALBANY ..... MS
K4JDR CLAYTON .....100.0 NC
AG4EI GASTONIA/CRWDR ..... SC
W4GL SUMTER .....123.0 SC
KE4LQY CHATTANOOGA ..... TN
AF4TZ NASHVILLE .....107.2 TN
KI4ZR LEXNGTN/ROCK MT..... VA
KA1OKQ PEMBROKE, NH ..... ZZ

449.1750 / 444.1750
KE4PVE COVINGTON .....100.0 GA
KC4COV FLORENCE .....131.8 KY
W4FBC LILLINGTON .....118.8 NC
W2GLJ GERMANTOWN ..... TN
KC4NNN KNOXVILLE ..... TN
N8FMD CLARKSBURG .....103.5 WV

449.2000 / 444.2000
WA4DB #GAINESVILLE .....107.2 GA
KR4PF MARION .....100.0 KY
KD4RTR PIKEVILLE ..... KY
WB4YNF AHOSKIE ..... NC
KE4QEA #KING/SAURATOWN .....100.0 NC
WA4US WILMINGTON ..... NC
KF4GHC COLUMBIA .....156.7 SC
KD4HII CHATTANOOGA ..... TN
N4ANK NASHVILLE ..... TN
WB4VWR ENON ..... VA
N8ZVK FLATWOODS ..... WV

449.2250 / 444.2250
KE4SJO WOODSTOCK ..... GA
KF4RBD RINEYVILLE .....151.4 KY
K4GWH GREENSBORO .....146.2 NC
N4ARK NASHVILLE .....114.8 TN
WV8AR CHARLESTON .....123.0 WV

449.2500 / 444.2500
W4BQC DECATUR ..... GA
KF4DC GLASGOW/CVCTY ..... KY
WA4KNI HENDSVL/BERWLW ..... NC
N4EWS LOUISBURG .....88.5 NC
K4SER WILLIAMSTON .....131.8 NC
WA4PAJ BARTLETT ..... TN
WQ4E GREENBRIER ..... TN
WA4TFZ CHARLOTTESVILLE .....151.4 VA
WG4R MEADOWS OF DAN .....103.5 VA
N8ZAR BUCKHANNON ..... WV

449.2750 / 444.2750
K4JLG CORNELIA .....100.0 GA
KE4BB CULLODEN .....123.0 GA
KF4IFC CORBIN .....79.7 KY
KU4MJ DAWSON SPRINGS ..... KY
W4NC WINSTON-SALEM ..... NC
W4GZX CLEVELAND ..... TN
WA4AXH LEBANON ..... TN
W4RDF ENON .....114.8 VA
KC8CSE DUNMORE .....123.0 WV

449.3000 / 444.3000
KC4GZX #ATHENS/CRAWFORD....127.3 GA
KC4YNY HOGANSVILLE ..... GA
KD4RTR ELKHORN CITY .....167.9 KY
KG4JNM LOUISVILLE .....156.7 KY
N4DRL BYHALIA ..... MS
KC5RC HEIDELBERG .....100.0 MS
WA4VTX ELIZABETH CITY .....131.8 NC
N4MNH CHARLESTON ..... SC
WB4GBI KNOXVILLE ..... TN
WA4BZU NASHVILLE .....107.2 TN
K4BW ACCOMACK .....156.7 VA
KI4ZR LEXINGTON ..... VA

449.3250 / 444.3250
KF4BMG MARIETTA .....79.7 GA
WA4QFV WHITAKER MTN ..... NC
WA4BZU CLARKSVILLE .....107.2 TN
KB4KSL KNOXVILLE ..... TN
WB3T ROANOKE .....103.5 VA
KA8ZXP GLENVILLE ..... WV

449.3500 / 444.3500
KE4PVE NEWNAN .....100.0 GA
WR4SG VALDOSTA .....141.3 GA
K4CQ WALTON .....123.0 KY
WB4IKY GIBSONVILLE .....107.2 NC
KR4LO GRANTSBORO ..... NC
WD4BKY GALLATIN .....114.8 TN
KD4CLA PIGEON FORGE .....156.7 TN
N4CH BEDFORD ..... VA
WB8YST CHARLESTON .....107.2 WV

449.3750 / 444.3750
KB4IZF JASPER .....103.5 GA
KD4DAR PIKEVILLE ..... KY
KB5HAV PEARL .....88.5 MS
N4DTR FRANKLIN .....131.8 NC
KB4WGA HENDERSON .....156.7 NC
KB4YTM HUNTINGDON ..... TN
KR4BT SPARTA .....123.0 TN

N4OWU FANCY GAP .....107.2 VA

449.4000 / 444.4000
WB4ULJ HAMILTON ..... GA
NY4F SUGAR HILL .....114.8 GA
KD4YGK SHEPHERDSVILLE .....203.5 KY
KC4COV WILDER .....131.8 KY
WB4YZF FAYETTEVILLE .....100HZ NC
WA4KOG MEMPHIS ..... TN
N4PYI MT JULIET ..... TN
KE4AJ OAK RIDGE .....82.5 TN
N8LNJ ALDERSON/SAM BLK.....100.0 WV
N8HON MADISON, VA ..... ZZ

449.4250 / 444.4250
K4PE HELEN .....127.3 GA
KC4COV DRY RIDGE .....118.8 KY
KF4QZN MORGANTOWN .....179.9 KY
N4ZVN MONROE .....94.8 NC
KC4NNN KNOXVILLE ..... TN
WA4ISI ALTAVISTA .....100.0 VA
KB8TJH SHIRLEY ..... WV

449.4500 / 444.4500
WA4DOC ATLANTA .....146.2 GA
KO4OT SIMPSONVILLE .....100.0 KY
KD5AHI ABERDEEN ..... MS
KB5LCL JACKSON .....141.3 MS
W4CQ CHARLOTTE ..... NC
WR4AGC HILLSBOROUGH .....100.0 NC
N4DTR WAYNESVILLE ..... NC
WA4US WILMINGTON ..... NC
W4CAT GALLATIN .....107.2 TN
WJ9J SODDY DAISY ..... TN
W8MOP BLUEFIELD ..... VA

449.4750 / 444.4750
KD4GEY FOLKSTON ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
KF4QZN MAMMOTH CAVE .....179.9 KY
AD4BI PIKEVILLE ..... KY
KG4BTN GREENSBORO .....107.2 NC
N1GMV ZEBULON .....88.5 NC
N4ZKR SUMMITVILLE .....107.2 TN
AD4ZK NORFOLK .....127.3 VA

449.5000 / 444.5000
WA4MM ALBANY ..... GA
KD4GPI ATLANTA .....110.9 GA
N4BZJ DALTON .....118.8 GA
KD4GMH MANCHESTER .....103.5 KY
W5LRG MERIDIAN .....107.2 MS
WD4ICX LEXINGTON ..... NC
N4JEH TARBORO .....100.0 NC
K4NOC BISHOPVILLE .....123.0 SC
K4JP BRSTL/HOLSTN MT ..... TN
N4WAH MEMPHIS ..... TN
K4CQ LYNCHBRG/TOB MT .....136.5 VA

449.5250 / 444.5250
KD4IEZ CHESTER .....156.7 GA
W4GR SNELLVILLE .....82.5 GA
KJ4VF GRETHEL ..... KY
N5NNI NEW HEBRON ..... MS
W4RNC RALEIGH .....88.5 NC
WA4ZRS WAXHAW .....94.8 NC
N4LV MYB BCH/BRKSVIL ..... SC
KD4IBW KNOXVILLE .....100.0 TN
WA4BGK NASHVILLE .....107.2 TN

449.5500 / 444.5500
WB4JEH RIYERS .....151.4 GA
K4DC LEWISPORT ..... KY
KC4DUU LEXINGTON ..... KY
N4GAS GASTONIA/SPCR MT ..... NC
KA4BQM ROANOKE RAPIDS .....192.8 NC
KG4BZN WALTERBORO .....123.0 SC
NQ4Y COOKEVILLE .....107.2 TN
WF4O MCNAIRY .....107.2 TN
WA4PCD NASHVILLE ..... TN
KB4WTP COPPER RIDGE .....103.5 VA
W4QR HAMPTON .....167.9 VA
WA4WWQ WINCHBURG .....136.5 VA

449.5750 / 444.5750
W4SCR DOUGLASVILLE .....88.5 GA
N4MVY PHELPS ..... KY
KC5CLM PORT GIBSON .....141.3 MS
KC4FWC #BOONE/RICH MT .....77.0 NC
N4HAJ KINSTON .....88.5 NC
K2PJ MYRTLE BEACH .....85.4 SC
W4BBB KNOXVILLE/RACK .....100.0 TN
WA4WCK NASHVILLE ..... TN

449.6000 / 444.6000
W4PSZ FAYETTEVILLE .....77.0 GA
WA4NKL QUITMAN .....127.3 GA
KF4WMM BRUSHY FORK .....88.5 KY
N4NMC LOUISVILLE .....151.4 KY
KC4FIE MADISONVILLE ..... KY
WA4SJH SPRINGFIELD ..... KY
KB5CO JACKSON .....100.0 MS
W4BFB CHARLOTTE .....100.0 NC
KC4WXA OXFORD ..... NC
KT4YW NO. CHARLESTON ..... SC
WS4S COOKEVILLE .....107.2 TN
WB4HAP KNOX/ENGLSH MT ..... TN
WA4AUX PROSPECT .....118.8 TN
KA8TCF WESTON ..... WV

449.6250 / 444.6250
K4EDN BONAIRE .....82.5 GA
W4CBA CUMMING .....123.0 GA
KC5BMJ KINGSLAND .....118.8 GA
W1BPP MOULTRIE .....123.0 GA
KB4QFL HAWESVILLE ..... KY
KE4ISW RICHMOND .....192.8 KY
AB5MU NETTLETON .....192.8 MS
N5OCF RICHTON ..... MS
WB4DVN LUMBERTON ..... NC
WD4EOG CLEMSON UNIV. .....156.7 SC
WT4E COLLIERVILLE .....107.2 TN
KD4TUD JEFFERSON CITY ..... TN

WA4TOA NASHVILLE .....107.2 TN
WZ8E BLUEFIELD ..... VA
KF4LWH SOUTH BOSTON ..... VA

449.6500 / 444.6500
K4YC IVEY ..... GA
N4IBW SMYRNA ..... GA
WB4FUR STENNIS SPC CEN ..... MS
N5NBG WALLS ..... MS
NE4J MIDDLESEX .....179.9 NC
KJ4HF SALISBURY .....88.5 NC
WA4US WILMINGTON ..... NC
N4UHF LITTLE MOUNTAIN ..... SC
WB4NKM GREENEVILLE .....100.0 TN
W4CAT SHRT MT/MURFREB .....107.2 TN
N4EHJ RICHMND/CHLTVL ..... VA

449.6750 / 444.6750
KC4CBQ HIAWASSEE .....186.2 GA
N4YTR PEACHTREE CITY .....77.0 GA
KC4VYX ROBINSON CREEK ..... KY
KF4AWA SALVISA .....203.5 KY
N5PS GREENVILLE ..... MS
W4WBT CHARLOTTE ..... NC
KE4JDP #JACKSONVILLE .....88.5 NC
W4GS MYR BCH/CONWAY .....85.4 SC
WA4PCD NASHVILLE ..... TN
WD4MIZ NORFOLK .....107.2 VA
AB8WB GASSAWAY .....123.0 WV

449.7000 / 444.7000
WB4SBT BYRON .....103.5 GA
WD4LUQ DALLAS .....77.0 GA
KF4BJM VALDOSTA .....141.3 GA
N5KOL BOWLING GREEN .....136.5 KY
NC5Y JACKSON ..... MS
KD4BGD LUMBERTON .....114.8 NC
N4JEH ROCKY MOUNT ..... NC
AE4GA STATESVILLE .....94.8 NC
K4AU DANVILE/WHT OAK ..... VA
N4WWB GATE CITY ..... VA
WB8CQV HEDGESHAW .....203.5 WV
K8LG MORGANTOWN ..... WV

449.7250 / 444.7250
KS4QM SUMMERVILLE .....123.0 GA
KD4AOZ WATKINSVILLE .....123.0 GA
KY4K HENDERSON .....203.5 KY
KE4ISR LEXINGTON ..... KY
W4ZCD HICKORY FLAT .....179.9 MS
KC4FWC BLADENBORO .....77.0 NC
KG4IWI ROCKY MOUNT ..... NC
KD4MMP WINSTON-SALEM .....107.2 NC
KC4KPJ ROCK HILL .....127.3 SC
WA4AKM FRANKLIN .....107.2 TN
WB0TMC JACKSON .....107.2 TN
N4CKB SEVIERVILLE .....123.0 TN
KF8FO LEWISBURG .....103.5 WV

449.7500 / 444.7500
KC4ELV CONYERS .....162.2 GA
N4ZRF LAKEMONT ..... GA
KC8ERN #ASHLAND .....88.5 KY
KE4AIF HOPKINSVILLE .....103.5 KY
WB9SHH MONTICELLO ..... MS
KD5GVU STARKVILLE ..... MS
KC4YOT GASTONIA/CRWDR ..... NC
KD4JFN PITTSBORO .....146.2 NC
K4TC HENDERSON ..... TN
KF4VWJ HIXSON .....100.0 TN
N4PYI MT JULIET .....156.7 TN
WD4KQI FOREST ..... VA

449.7750 / 444.7750
N4NEQ ATLANTA/MARIETTA .....151.4 GA
N4MXC COCHRAN ..... GA
N4IWZ ALLEN .....123.0 KY
KC4UPE NICHOLASVILLE .....167.9 KY
W4JDR CARY .....100.0 NC
KR4EX OLD FORT ..... NC
WA4RQF #WALKERTOWN .....103.5 NC
WA4AKM GALLATIN .....107.2 TN
KF4UCI #CHARLOTTEVILLE ..... VA
WD4KZK SLINGS GAP .....107.2 VA

449.8000 / 444.8000
WA4ASI COVINGTON .....88.5 GA
W4BEJ ELIZABETHTOWN ..... KY
KB5CO JACKSON ..... MS
WB4PMQ GREENVILLE .....131.8 NC
KF4LUC HICKORY .....94.8 NC
K4YEC REIDSVILLE .....107.2 NC
KD4QMS SOUTHERN PINES .....118.8 NC
K0JXI MEMPHIS ..... TN
KD4LP #MORRISTOWN ..... TN
N4PYI NASHVILLE .....110.9 TN
KB4MIC OILVILLE ..... VA
WV8B BECKLEY/OAK HILL .....100.0 WV
W8CUL MORGANTOWN ..... WV

449.8250 / 444.8250
W4DOG ATLANTA .....146.2 GA
KC4UPE BEATTYVILLE .....192.8 KY
KC4VXR SALEM .....100.0 KY
KB5DSN AMORY ..... MS
KF4UY MT AIRY/FSH PK .....100.0 NC
K4GWH RALEIGH .....146.2 NC
KE4FGW MARYVILLE .....100.0 TN
K5FE MEMPHIS .....107.2 TN
N4PYI SMITHVILLE .....107.2 TN
WA4ZBP STAUNTON .....131.8 VA

449.8500 / 444.8500
N4BZJ DALTON ..... GA
N4YXL GREENSBORO .....103.5 GA
KF4UM HINESVILLE ..... GA
KF4QZN HORSECAVE .....179.9 KY
AA4NI NEBO ..... NC
AB5DU INDIANOLA .....136.5 MS
KC5LXF PINOLA ..... MS
W4CQ CHARLOTTE ..... NC
K4GMP WILMINGTON .....88.5 NC

WD4MWQ MCMINNVILLE ..... TN
K7AG MEMPHIS .....107.2 TN
KF4VDF POUND .....103.5 VA
AB4SF RICHMOND ..... VA
WD4KZK ROANOKE/READ MT .....107.2 VA
WB8ZER HUNTINGTON/CHAS .....131.8 WV

449.8750 / 444.8750
KE4UAS MCDONOUGH .....123.0 GA
KE4RJI TIFTON ..... GA
KC4UPE SALVISA .....167.9 KY
N5HTQ MCCOMB .....100.0 MS
KD4RAA RALEIGH .....100.0 NC
WB4U WINGATE .....127.3 NC
N7GZT ORANGEBURG ..... SC
KD4UWA CHAT/MNTLAKE MT .....156.7 TN
WA4AKM NASHVILLE .....107.2 TN
KB4WTP BIG A MTN ..... VA

449.9000 / 444.9000
KD4BOO AUGUSTA ..... GA
N4KHQ DAHLONEGA ..... GA
WB4IVB CORBIN .....100.0 KY
W4YWH HIGHLAND HEIGHTS .....123.0 KY
KC4JTV HUDSON .....179.9 KY
W4EWN NEW BERN .....100.0 NC
W4EJ WILSON .....179.9 NC
WB4MMI RAMER ..... TN
W4LYR WATERTOWN .....100.0 TN
N4XRY FANCY GAP ..... VA
N8SCS BELINGTON .....141.3 WV
KE4QOX LOGAN .....107.2 WV

449.9250 / 444.9250
WA4NNO ATLANTA ..... GA
WB4NFG IRWINTON .....77.0 GA
N4PJR JESUP ..... GA
KY4X GLASGOW ..... KY
KO4LI OLIVE HILL ..... KY
N5PYQ SOUTHAVEN .....107.2 MS
WB5TTE VICKSBURG ..... MS
KB4WGA DURHAM .....156.7 NC
K4OBX HATTERAS ISLAND .....131.8 NC
N4XRY MOUNT AIRY ..... NC
AC4RZ EASLEY/SAS MTN .....103.5 SC
WA4AKM COLUMBIA .....107.2 TN
N4VIH DOVER ..... TN
KD4TZD KNOXVILLE ..... TN
KD4FWS FANCY GAP .....100.0 VA
WB8BON ROANOKE/TINKER M..... VA

449.9500 / 444.9500
W4TL CLERMONT .....131.8 GA
WR4MG PERRY ..... GA
N4DUE LEXINGTON ..... KY
WB5YGI PHILADELPHIA ..... MS
N5VGK TUPELO .....192.8 MS
WA1WXL DALLAS/CHLT .....136.5 NC
KF4HFQ ROLESVILLE .....88.5 NC
KD4PBC CHARLESTON .....103.5 SC
KF4GP CLARKSVILLE .....167.9 TN
W4EYJ CROSSVILLE .....118.8 TN
K4GX GREENEVILLE ..... TN
WB4NNE MEMPHIS ..... TN
WA4KXV VIRGINIA BEACH ..... VA
WB8CQV SO. CHARLESTON .....203.5 WV

449.9750 / 444.9750
WA4YNZ ATLANTA ..... GA
K4TVE BRUNSWICK ..... GA
W3LAP COCHRAN .....77.0 GA
WA4YNZ #CUMMING ..... GA
KC4QK ASHLAND .....107.2 KY
WB4CWF NICHOLASVILLE ..... KY
N5PS O'REILLY .....100.0 MS
KE4QAP ASHEBORO ..... NC
N4JEH CASTALIA .....107.2 NC
W4YMI NEWPORT CCARS ..... NC
KC4ZTJ POLKVILLE ..... NC
WM3O ORANGEBURG ..... SC
KQ4E MORRISTOWN ..... TN
WA4AKM NASHVILLE .....107.2 TN
N4AZJ PEARISBURG .....103.5 VA
N8EKT WHEELING ..... WV

443.7750 / 448.7750
WA9KC WINCHESTER .....146.2 VA
KA1OKQ CONCORD, NH .....82.5 ZZ

439.2500 / 911.2500
KA5NOJ GAUTIER ..... MS

426.2500 / 923.2500
K4CQ LYNCHBURG ..... VA

439.2500 / 923.2500
KY4ATV #LEXINGTON ..... KY

920 MHZ

907.5000 / 919.5000
WD4KZK ROANOKE/POOR MT .....107.2 VA

908.5000 / 920.5000
KF4TNP LEWISBURG ..... TN

908.8000 / 920.8000
KQ4E MORRISTOWN ..... TN

909.0000 / 921.0000
K4CQ LYNCHBRG/TOB MT .....100.0 VA

909.1000 / 921.1000
WA1ZMS BEDFRD/APL ORCH .....100.0 VA

910.2500 / 923.0000
WA4VHP #SAVANNAH ..... GA
K4ZGA NASHVILLE ..... TN

902.5000 / 927.5000
KG4LMT ATLANTA .....223.0 GA

902.6625 / 927.6625
W4FAL RALEIGH .....156.7 NC
N4DTR WAYNESVILLE .....131.8 NC

Corrections or changes?
Contact your Coordinator.

This enforcement letter is a bit of a departure for the FCC. The repeater in question, K4JPE in Durham, North Carolina, is one of a few two meter repeaters in SERA territory to operate at odds with the band plan. Neither the input frequency (146.59), nor the output frequency (147.59) fall on band-plan channels. Both are within the simplex sub-band, though the output frequency is just 10 kHz away from the repeater input frequency of 147.60 MHz.

The departure is that there are no known complaints of interference against K4JPE. Riley Hollingsworth is asking James Hicks the usual questions: Is the repeater coordinated? Have there been any complaints about interference? (The repeater is not coordinated, but North Carolina Frequency Coordinator Frank Lynch has offered to help, even though the two meter band in the Durham area is pretty much full). Shortly after Hollingsworth sent this letter, the repeater went off the air.

We can't predict what the outcome of this inquiry will be, but the FCC has been taking a strong stand in support of voluntary band plans in other enforcement actions over the past two years. One example is an enforcement letter sent in October, 2000, to Alan J. Koepke K1JCL, citing complaints of interference from his repeater that was operating with its input and output frequencies reversed (and on AM) in Connecticut.

In that letter, documented in a story on the ARRL web site, Hollingsworth wrote: "Band plans minimize the necessity for Commission intervention in Amateur operations and the use of Commission resources to resolve amateur interference problems. When such plans are not followed and harmful interference results, we expect very substantial justification to be provided, and we expect that justification to be consistent with Section 97.101." (97.101 refers to good operating practice and cooperation in selecting transmitting frequencies, and prohibits malicious interference).

In December, 2000, the FCC turned down an ARRL petition asking the Commission to directly equate observance of the various band plans with "good operating practice." But as Hollingsworth stated in his letter to K1JCL, if there is an interference question, the Commission will give the benefit of the doubt to the Amateur who is following the band plan.

The SERA band plan is available on the SERA web site: www.sera.org, or by sending a self-addressed, stamped envelope to the Repeater Journal editor (see address on page 2). ■

April 8, 2002

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

Mr. James M. Hicks
312 W Carver Street
Durham, NC 27704

RE: Amateur Radio license K4JPE-Repeater Operation

Dear Mr. Hicks:

Information before the Commission indicates that you are operating an uncoordinated repeater with an input on 146.590 MHz and an output on 147.590 MHz. Information also indicates that the system may be using an uncoordinated 70cm auxiliary frequency to provide a link between the receiver site and the transmitter site. The frequencies you are using do not comform to the national band plan for Two-meters. Although band plans are not mandatory under Commission rules, the Commission relies upon them to prevent the need to allocate Commission resources to resolve interference disputes in the Amateur Service.

Section 97.205 of the Commission's rules states that where there is interference between a coordinated and an uncoordinated repeater, "the licensee of the uncoordinated repeater has primary responsibility to resolve the interference". Section 308(b) of the Communications Act of 1934, as amended, 47 U.S.C. Section 308(b), gives the Commission the authority to request information from a licensee regarding the operation of a radio station. Accordingly, you are requested to respond to this letter within 20 days from the above date, furnishing the following information.

1. Is your repeater K4JPE coordinated? If so:
   a. Furnish a copy of the coordination document
   b. State the circumstances, if any, under which you are operating the repeater in a manner not consistent with the coordination.

2. If your repeater K4JPE is not coordinated, or if it is coordinated but is not being operated in accordance with the coordination, state what, if any, action you have taken to obtain coordination.

3. Have you received complaints regarding the operation of the K4JPE repeater? If so:
   a. State the details of the complaints, if they were oral, and state what action, if any, you took to resolve them.
   b. If the complaints were in writing, state what action, if any, you took in response to the complaints and furnish a copy of each complaint.

4. Describe in detail the configuration of the K4JPE system, including all site locations and frequencies used for control.

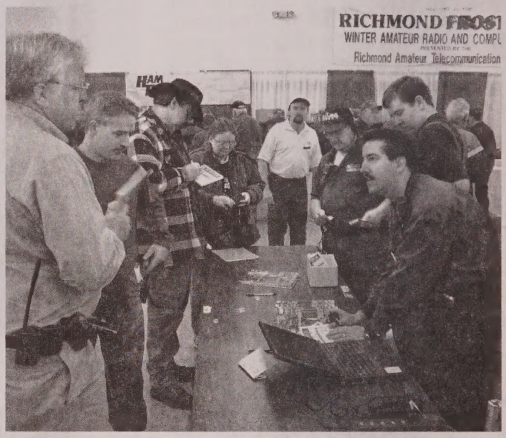
Please address your response to 1270 Fairfield Road at the above letterhead address, and please be advised that Congress has made punishable a willfully false or misleading reply to a letter of this type. See Title 18, Section 1001 of the United States Code.

Sincerely,

W. Riley Hollingsworth
Special Counsel
Enforcement Bureau

SERA AT THE HAMFESTS

Hamfests
Hold the Line!



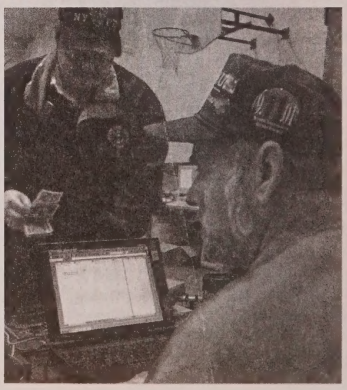
The flea market drew a good crowd at the Richmond Frostfest, above, despite a change in date. Business is good at the SERA table there, too, as Jay N4YMY and the Virginia crew signed up 53 years worth of memberships. Special thanks to Jimmy KG4AAE (right, behind Jay), whose arm-twisting skills led to this record day.

Most hamfests this year have stopped shrinking. **Virginia Beach** took a major hit when everyone stopped traveling following the September 11 terrorist attacks, and will be a one-day (Sunday) fest this year. But as the shock wore off, some fests in 2002 have even grown a bit over last year. The **Richmond Frostfest** changed dates and lost several dealers and manufacturers to the big Orlando fest on the same date, but still managed to increase attendance a bit (they'll be back on their regular weekend in 2003). The **Jackson MS** hamfest reports that attendance has been steady for the past few years. The little fest in **Elkin NC** did well, and the big ones in **Charlotte** and **Raleigh NC** grew a little. Hamfest organizers call this a victory after several years of falling numbers - 10 to 20% a year in some cases. Dealers reported mixed results. Some fest sales were OK, some were weak, as ham radio spending continues at low ebb.

SERA and the *Repeater Journal* continue to do well at hamfests, with dozens of hams signing up as associate members, and some full members, at each show.

Things look quiet at the Jackson MS fest, but that's only because they haven't opened up yet, as Mississippi Director Steve Grahtham N5DWU poses by the SERA booth there. Chairman Ron Brown reports that their new venue at the Jackson Trade Mart has kept interest up.

NC Assistant Director Bob Lukaszewski K4HA takes another membership at the Elkin NC fest. Nice weather helped keep the indoor/outdoor event packed with hams.



Tim Slay N4IB, who chaired the Charlotte NC hamfest this year, stands before a crowed aisle in the exhibitor building. His show got a nice mention in a *CQ* editorial that compared hamfests to the woodworking show that usually shares the Merchandise Mart with Charlotte. Editor Rich Moseson wishes hamfests had the "hands-on" style of the woodworking show. Maybe that would be a way to spur growth.

TENNESSEE

REPORTED BY
BOB GAULT KD4NEC
221 CEDARWOOD TRAIL
CLEVELAND, TN 37312
KD4NEC@SERA.ORG

Greetings from the Volunteer State! The Lady Vols didn't win the national championship, but there's a lot going on in amateur radio.

In East Tennessee, two clubs have assisted in establishing the Jack Goforth K4IBP Memorial Ham Shack at the Boy Scout Camp Buck Toms. **Oak Ridge** club members heard about the project in a February program by Wayne Gardner KF4VZQ, Tom Moak WW5H, L.D. Strader K4LDS, Don Riley N4CZL, Dick Wolf WI8X and Merle Growden KD6FBT. The **Radio Amateur Club of Knoxville** newsletter, RACK Panels, provided more information in an article by N4CZL.

The project has progressed to the point of staking out a suitable site overlooking a lake at the Boy Scout camp. According to the club's March newsletter, "Jack touched the lives of many hams and was a mentor to many that later became hams. He headed up classes leading to a ham ' ticket,' served as a volunteer examiner for amateur license test sessions, and in general, enjoyed all aspects of this hobby - many of which he shared in his columns in RACK Panels and the East Tennessee D-X Association newsletters." Contributions are being accepted.

TV stations in the US are required by the FCC to begin digital broadcasting by 2007, requiring each one to apply for a new channel assignment. That means broadcasters will send their signals over two transmitters - one digital and the other analog. W VLT -TV engineer Doug Stallard KC4OZZ recently presented a program to RACK on the digital conversion. Several club members toured the studios of Knoxville's CBS affiliate.

A new ARES group has organized in Sevier County. Alan Kaplan N1AEL, a relative newcomer to the Smokies, has accepted an appointment as Emergency Coordinator for the county. He is now in the process of signing up members and hopes to train a small group of amateurs who can provide emergency communications when they are needed. Kaplan said Sevier has lacked an active ARES group, but he hopes to change that for the good of the community.

The Cherokee Trails Road Rally was conducted in Polk County during March, requiring a number of amateurs to assist with communications. The race was cut to one day this year, and weather was a factor. Muddy roads in the Cherokee National Forest, caused by earlier rainfall, resulted in several participants sliding off of forest roads.

The **Bristol Amateur Radio Club's** March program dealt with VHF and UHF communications, presented by Mike Wechsler N4OFA.

Congrats to Dan Skaggs N7DLS, the **Maury County Amateur Radio Club Ham of the Year** for 2001, and Carl Lyster, WA4ADG, recognized for his service as the Oak Ridge Club's Technical Director.

The **Middle East Tennessee Emergency Radio Service** (METERS) explains in their February newsletter the importance of using power connectors that are standard among hams. Anderson Power Poles are commonly used by ARES and RACES members for compatibility in the event a power supply goes bad and you have to hurriedly switch to someone else's equipment.

APRS equipment has been placed into service in Tullahoma by Jimmy Floyd, NQ4U, who is **Coffee County's ARES** EC. The frequency is 144.390 and you can find it on the web at **www.findu.com**.

The **University of Tennessee Amateur Radio Club** (Club Call AA4UT) has elected officers for the 2001-2002 school year. The officers are as follows: President, Jeffrey Napier AG4JF. Vice-President and Treasurer, Drew Ott KG4HPZ. Secretary, Arun Srikantaiah KG4LKK. Meetings are *usually* on the first Thursday of each month in Room 217 of the University Center at 8PM. However, if anyone is planning to attend, they should check **www.utarc.org** first to make sure that there will be a meeting that month.

The **Delta Amateur Radio Club's** Board of Directors are: President, Lance Morris N4GM;, Vice President, Steve Byrd KG4KCW; Secretary, Michelle Cline KG4IZZ; Treasurer, Frank McDowell KA4SJM; Director of Training, Ed Norris KD5IEI; Director of Publications, Paul Lemieux III KG4GYV; Director of Programs, Nina Stone WB4CHH; Director of Meetings and Special Events, Barry Anderson WA4MFF; Repeater Trustee Bill Hancock WA4MJM; Past President, Tom Richardson K4TTA.

APRS as a tool in disaster communications is the subject of an article appearing in the **Cumberland Plateau Amateur Radio Club's** newsletter, *CPARC News.* Paul Drothler WO4U writes that features built into APRS offers an efficient and professional service to local agencies surpassing voice communications.

Several clubs and amateur groups have added me to their mailing list to receive newsletters, others are sending them by e-mail. If your club wants to be included in the next Tennessee column in the *Journal,* get the information to me by mail or e-mail.

73 from your Tennessee correspondent.

Presenting the "Original" Cleveland (TN)

HAMFEST

Cleveland, Tennessee

Saturday, July 13 2002

Bradley Central High School

S. Lee Highway (US 11) Cleveland, TN

8:00 AM until ??

Door Prizes ■ Vendor Booths

■ Tailgating Spaces Available.

Admission $5.00 - Extra Tickets $1.00 ea.

Individuals one free table, dealers up to four with paid admission.

Talk-in: 147.18(+) or 146,925(-) or 147.105(+)

For More Information or Table Space Contact:

Proudly Sponsored by
the Cleveland ARC
P.O. Box 2683,
Cleveland, TN 37321
CARC@Rocketmail.com

Bob Gault KD4NEC
(423) 479-6260
bgault@wingnet.net

Ray Myers KG4LZB
423-421-4195

Twenty-Eighth Annual

DUR-HAM-FEST

Saturday May 25, 2002 - 8 AM to 3 PM

South Square Mall Durham, North Carolina

General information & Ticket Sales
Tickets $5.00
Joseph Fields - KF4QYY
1014 Jerome Rd.
Durham, NC 27713
919-596-3738

Vendors, Tables, & Tailgate information
Tables $12.00 - Tailgate $5.00
Paul Van Doren, KE4OXN
5309 Falkirk Drive
Durham, N.C. 27712
919-309-2457---Elivand@aol.com

FCC EXAMS

Pre-Registration requested but walk-in WELCOME Testing 10 AM to 1 PM
Testing information contact:
David Snyder - W4SAR
4505 Governor Hunt St.
Efland, NC 27243
919-644-8681
w4sar@arrl.net

DOOR PRIZES TALK-IN 147.225

GEORGIA

REPORTED BY
M. TERRY JONES W4TL
4816 WINDWALKER DR.
FLOWERY BRANCH, GA 30542
(770) 967-6364
W4TL@SERA.ORG

Winter has come and gone and we are well into spring. Summer will be here before we know it. Warm weather brings about **"Hamfest Season"** for those who are hunting for **"Treasure," or "Junk,"** as others may call it, in hamfest Fleamarkets. "Treasure Hunting" is a passion of mine and I especially enjoy looking for the "vintage" gear that I dreamed of in my younger days (I still dream about a few special pieces). So, if you see me at a local hamfest, you will almost always find me in the fleamarket or "boneyard" looking for "treasure."

The **Dalton Hamfest** in February was again outstanding. The SERA was represented at this event by our Director, Rick Wright,W4LOC; and Vice Director, Jeff Benjamin, W4KMB. Harold Jones, N4BD, and crew did a great job putting the Dalton show together. The **Kennehoochee Hamfest** in March was another good one and was well attended we understand. The 2002 **Cherokee Capitol Hamfest** in Calhoun has also come and gone. Felton Floyd AF4DN, and crew always do a good job with this one. Looking to the next few months we have several great Georgia Hamfests to make plans for. The **Statesboro Hamfest** will be on May 18. The **Albany Hamfest** is scheduled for June 8. The **Atlanta Hamfest** will be held on June 1st at Jim Miller Park in Marietta (same location as the Kennehoochee fest) and promises to be a good one. The **Gainesville Hamfest**, billed as "The Coolest Hamfest in Georgia," will be held on July 13 in downtown Gainesville at the Georgia Mountains Center and promises to be another good fest. The **Ellijay Hamfest** is scheduled for August 3. Make plans to attend these events and support the various clubs and individuals who put so much into making these events possible.

The **Gwinnett Amateur Radio Society (GARS)** held its fifth annual Techfest on March 23, and it was a rousing success. Chairman, Barry Zoll N1TOQ, and a whole team of volunteers set up displays on such things as PSK-31, APRS, DFing, ATV, Homebrew antennas, "Free TV" (foreign broadcast), radio programming via computer, scanners, and antique radio. Mike Swiderski K4HBI wowed visitors young and old with his demonstration on AM modulation of a laser light, using a simple laser pointer. Victor Gann N2VG, provided inexpensive short-wave crystal kits for kids to buy, and then supervised building them. Last I heard, there were 16 enthusiastic youngsters who took advantage of this fun opportunity. Ever heard of a "left foot key"? It's a HUGE Morse code key that you actually use your left foot to operate. (That was fun!) That was set up as part of the display on Morse code.

Besides all of the great displays and great fellowship, there was lots and lots of food. Pots and pots of chili, hamburgers, hotdogs, all kinds of fixings, and desserts galore. What's more, all of this was free to anyone who chose to participate. This is one way that GARS club members stretch out the hand of friendship to other hams and to the community, and once again, a good time was had by all.

Congratulations to the new **GARS** club officers... President IKE CHAPMAN K4WEC; VP VICTOR GANN N2VG; Secretary, MORGAN RINGOLD KG4PAN; treasurer, DAN KEOHAN KF4YSU; and activities manager, BILL AHLS AB0KF.

Atlanta ARC: Club member Jim

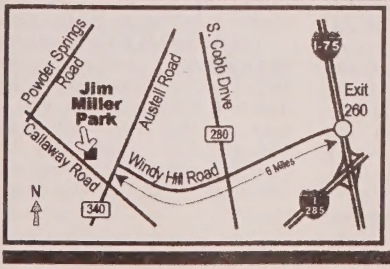
74th Atlanta Hamfest

Gates Open:
8:30AM – 3:30PM
Admission: $5
(18 & Under Free)
Talk-in: 146.820(-)

Sponsored by: The Atlanta Radio Club, W4DOC, & The American Radio Relay League

SATURDAY JUNE 1, 2002

Jim R. Miller Park – Cobb Co. 2245 Callaway Rd. Marietta, Georgia



♦ DEALERS ♦ FLEA MARKET ♦ TAILGATING
♦ PRIZES ♦ FCC EXAMS ♦ FOOD ♦ DISPLAYS
♦ EXHIBITS ♦ FORUMS ♦ R/V & CAMPING

SCHOLARSHIP AVAILABLE...
In the spirit of supporting Amateur Radio, The Atlanta Radio Club, W4DOC, is pleased to offer a scholarship to a deserving young Ham. See web site for more details and an application.

Visit our Web Site: www.atlantahamfest.com
For More Information, Contact:
John Talipsky, KA4VQH (770) 995-6446 or Email: johnka4vqh@aol.com

Wingate WA2EIU appeared on page 29 of the April *QST* in an article about the amateur radio response to the events of September 11th. Jim, along with many other dedicated hams, volunteered with the Salvation Army Team Emergency Radio Network (SATERN) and helped to exemplify the very best in amateur radio. Thank you, Jim. The club's 146.820 repeater has another nifty feature now to go along with its IRLP system. Adventurous members can now enter a special DTMF code, and the IRLP will connect to a random node….. it could be Sweden, it could be South Africa, or Antarctica, or New Zealand, or Who Knows Where.

Columbus ARC: Congratulations to new club officers: President, George Brugh KF4CNT; VP, Paul Rogers KE4HBE; Treasurer, John Wingard WB4GLT; Secretary, Evelyn Cotney KG4DYK; and Activities Director, Burch Cameron W4WY.

Albany ARC: Club secretary STAN HALSTEAD W4GOD, has developed a *Skywarn for the Deaf* notification system. This program has both regional and national attention, and has been endorsed by the NWS.

CONGRATULATIONS to FRED RUNKLE K4KAZ, VHF-UHF enthusiastand and all-around good guy, who was able to take advantage of the phenomenal openings on six meters in December and January (best in over 40 years, I hear!). He worked 30 different countries and now only needs Hawaii to complete his WAS on the *magic band!*

CONGRATULATIONS to GREG ABERCROMBIE KK4NO, another VHF-UHF enthusiast who took advantage of the good six meter openings and completed his six meter DXCC. Greg advises he will be making the trek to Dayton to have his 100+ countries certified by the ARRL there. He says "there is no way I will send these cards in the mail. I've worked almost 30 years to achieve this award."

COLLEGE NEWS: As part of a new course at UGA entitled *Training Health Care Professionals for Weapons of Mass Destruction Events and Natural Disasters,* ED ROLLOR N4ZRA, professor and member of the **Athens Radio Club,** will be giving a 2.5 hour lecture on amateur radio and emergency communications. The overall objective of this course is to train students to respond to disasters where medical teams will be needed, and it will be offered to students on the UGA campus, as well as at the Medical College of GA in Augusta (via Distance Learning). Ed's lecture will also be shown at the Savannah River Site in Aiken, SC, over the site's cable channel 30, which serves the site's 10,000+ employees. To provide the students with the opportunity to experience amateur radio first-hand, Ed set up an amateur radio station for the students during the ARRL's School Round-Up on February 13th.

ENRIQUE (HENRY) AROSTEGUI KN4AV, **ARC of Augusta** president, also provided an amateur radio station for the students in Augusta. Students from the two schools were able to make contact with each other on 40M.

In closing I would like to say thank you to those who send me news to include in this column. Your group's news can be included in this column. Just send me the information and I will try to see that it gets included. If you haven't added me to your newsletter mailing list, please do so.

Until next time... Terry W4TL ■

SOUTH CAROLINA

REPORTED BY
ROGER GREGORY W4RWG
102 PARTRIDGE RD.
UNION, SC 29397
(864) 427-1462
W4RWG@SERA.ORG

Hello South Carolina,

I, along with the whole SERA Family and hams across the Southeast, mourn the untimely death of Wayne Williams K4MOB. I extend my sympathy to his family and to the SERA officials in North Carolina who talked to, worked with, and saw Wayne on a regular basis. He will be long remembered and sorely missed by everyone at the SERA. I liked him very much.

The Anderson Radio Club held their annual hamfest at Sadler's Creek State Park on May 18th. Everyone had a great time. Several items are on the agenda for club projects, new tires for the Field Day Equipment trailer, painting the ice bridge at the EOC and recruiting new Net Control Operators. The ARC has a net every night at 8:30 pm on 146.79. The club is planning on holding a program on ham radio at the local Boy Scout Troop's meeting. They hope this will help recruit some new hams. John Chism ND4N gave a demonstration on knot tying at the February meeting. I wish I had been there. The ARC provided communications for the Clemson Triathlon on May 5th.

The Blue Ridge Amateur Radio Society welcomes 13 new members since the last SC News. Isn't that great! They are: Don Lollis KG4PFI, John Hoyt W5UGH, Tyler Gaillard KT4XD, Linda Lollis KG4QLQ, Lynda McCowan KB8YQB, Duncan McCowan KB8YQA, Lowell Smith KK5JZ, David West KG4POE, Brenda White KG4ORT, Peter Schneider WA1PHS, A.K. Grey W4AKG, David Cooley N5XMT, and Chuck Nichols N1NAR. The BRARS had 62 members present for their January meeting where the speaker was Heath Quinnelly KE4OGB, who spoke about the Nextel phone system. The BRAES provided communications for the 10K Reedy River Run held in Downtown Greenville on Saturday March 2nd. They do this so that race officials can track the leader and respond to emergencies quickly. This is one of many volunteer events that the club assists with each year. The BRARS is getting ready for their Upstate Hamfest on May 4th. At the Piedmont Interstate Fairgrounds located in Spartanburg, SC. Last year we sold 41 SERA memberships there. This was a record for SC at a hamfest. We hope to break that record this year. The BRARS has a great webpage! Look at **http://www.brars.org**

The Cherokee County Amateur Radio Club is making plans to put up a 2 meter repeater. They have obtained land for a tower and repeater building and have purchased a repeater, duplexers, antenna and hard-line. Hopefully by the next issue they will have more news. More fundraisers are planned in the near future.

The Chester Amateur Radio Emergency Services Club welcomes two new members, Earl Bachman N0DKK and Heyward Smith KG4RFM. The CARESC has received a donation of some 7/8 hardline. They plan to upgrade their repeater this spring. The club is planning on their 3rd annual swapfest on June 15th at the Chester State Park. On April 20th, a 2 meter and a hf station was set up at Chester State Park for the Boy Scouts.

The Columbia Amateur Radio Club was presented a certificate from the Palmetto Chapter of the Juvenile Diabetes Research Foundation for their assistance with their annual walk in Sesquicentennial Park. Powell Way W4OPW gave a program on Old Radios at the January meeting. This was enjoyed by all present. The CARC has started a Repeater Monitoring Team. They plan to monitor all of the clubs repeaters 24 hours a day, 7 days a week. This is going to be done in case of emergency traffic or just to welcome people to the Columbia area. I wish you well in this project. This will require many dedicated mem-

bers. I think it is a great idea. Those repeaters are 147.330 in downtown Columbia, 444.200 in West Columbia, and 146.775 at Fort Jackson. The CARC is discussing the possibility of a swapfest. I think a hamfest in Columbia is a great idea. I'll come. Check out their new improved website at **www.kf4ghc.org**.

The Foothills Amateur Radio Club welcomes new members George Smith KE4VMC, Sam Bradshaw KG4LPF, and Chris Balding who is still studying for his ticket. Congratulations go out to A.K. Grey W4AKG who upgraded to Amateur Extra. The FARC is planning to assist with the March of Dimes Marathon again this year.

The Grand Strand Amateur Radio Club provided communications for the 5th annual *Myrtle Beach Marathon* February 9th. They started at 5:30 am and stayed with it until it was over about 3:00 pm. Communications were made possible by a recent purchase of a portable repeater, which was used on 145.29. A special event 20 meter station was also held for the Marathon. They had over 235 confirmed contacts. The GSARC has started rebroadcasting *Amateur Radio News Line* on Sunday night after the 8:00 pm net on the 145.11 repeater. Tune in for the latest news about Amateur Radio. One might even hear Mr. Hollingsworth on occasion.

The Greenwood Amateur Radio Society 2 meter repeater is located atop Self Memorial Hospital, the machine is on 147.165 MHz + . They have a weekly net on this machine which is sometimes linked to the local 145.13 MHz repeater The net is held every Thursday at 9:00 PM. Hello John Fradella N4FJ. How is retirement? Please send me your newsletters.

The Keowee Toxaway Amateur Radio Club held a program in February on Commercial Radios that could be used on the ham bands and what to be on the look out for. The KTARC holds a net every Monday, Wednesday, and Friday on the 147.27+ machine. They average 16 check -ins each night. A new slate of officers were elected in March. They are President Mike Oakley, Vice-President Don Kidd, Secretary /Treasurer Ruby Smith. Congratulations to Rob Bachlet KW4DB, he has a new son.

The Lancaster County Amateur Radio Club recently held its annual dinner at Jomars Restaurant. The annual "Ham of the Year" award was presented to Fritz and Brenda McNaughton, KD4QQP and KD4QQR. The award is presented to an individual who has contributed time, talent and energy to fellow hams and to the hobby. Previous recipients are Grady Robinson AK4N, Charlie Bledsoe KC4AC, Mark Shannon N4WMB, and Mike Yarbrough W4JMY. This was the first time a husband and wife team has received the award. (Reprinted from *The Lancaster News*) Thanks Charlie, send me your newsletters.

The Ridge Amateur Radio Club is located in Leesville, S.C. I just discovered the existence of this club by means of its very nice website: **www.w4rrc.org.**

Membership of the Ridge Amateur Radio Club take time out to honor its founding father, Mr. William G. Robison W4GIV and RARC First Lady, Mrs. Norma B. Robison KF4JDF for their dedication and commitment towards the RARC. Bill was unanimously presented with the title of President Emeritus, a unique award for a unique individual. Put me on your newsletter list. I would like to include your news each issue.

Repeater Journal

Hamfest Advertisers In This Issue

CLUB/HAMFEST	SHOW DATE	AD LOCATION
Atlanta, GA	June 1	.page 43
Cary, NC	July 20	.page 48
Catawba Valley, NC (2003)	April 19	.page 22
Cleveland, TN	July 13	.page 41
Durham, NC	May 24	.page 42
Knoxville, TN	June 9	.page 12
Lawrenceville (Stone Mt.) GA	Nov. 2-3	.page 55
Gainesville, GA	July 13	.page 21
Raleigh, NC (2003)	April 12	.page 17
Salisbury, NC	July 6	.page 51
Shelby, NC	Aug. 31, Sept. 1	.page 46
Virginia Beach	September 8	.page 19
Winchester, VA	August 4	.page 15
Winston-Salem, NC	June 8	.page 56

Attend and Support as many of your area Hamfests You Possibly Can. It's lots of Fun!!!

The Salkehatchie Amateur Radio Society welcomes new members William J. Ramsey Jr. KD4VAZ, and James C. Kearse Jr. KG4RCG. The SARS has been doing quite well lately, hosting several interesting programs for the year 2002. In February, the SARS invited the Boy Scouts from the area to listen and watch a demonstration on APRS given by Bob Baldwin KE4KUR.

The Scouts were amazed at the technology and hopefully it produced an interest in Amateur Radio. The program at the March meeting was HF DX etiquette presented by Adam Hoffman AF4QZ, and Bill Wetzel W4OXA. Everyone enjoyed these programs. Their annual tailgate party was held on April 27 in Windsor, SC. The attendance was good and everyone had a great time.

The Spartanburg Amateur Radio Club is celebrating their 50th Anniversary this year by having a Special Event starting on May 11 at 1400 hours ending on May 31 at midnight. The club's special event station will be on 7.270, 14.270, 21,370, 21.370, and 28.370. Notice of this event will be in the May issue of *QST*. On March 6th the SARC had a Emergency Communications Level 1 Course at the Red Cross Building. The Instructor was Gerald Hensley K8AFP who is the SC Section Emergency Coordinator.

The SARC has been busy with the March of Dimes on April 27 and their annual Assault on Mt. Mitchell on May 18. The SARC provides communications for these special events each year. The SARC mourns the deaths of two of its members, Bill Shields W4OWR, and George Carter W8CJJ. I extend my sympathy to their families and to the SARC.

Check out the club's webpage at **www.teleplex.net/sparc**. The Webmaster is Ken Kirkley NO4D. I was glad to see Fritz W4NTO at the Duke Power Exercise in Union on March 26th. Fritz is also a Red Cross Volunteer and was there helping with the Red Cross Shelter.

The Sumter Amateur Radio Club has set a date for their 2002 hamfest. Date: Saturday, October 26, 2002 (4th Sat. in Oct.) Time: Doors open from 0800 – 1600 Sumter County Fairgrounds, 700 W. Liberty St, Sumter, SC. Centrally located in South Carolina, about 15 miles West of exit 135 on I-95. 1 hour from Columbia, 2 hours from Charleston, Myrtle Beach or Charlotte. (Reprinted from webpage) Send me your newsletters.

The Union County Amateur Radio Club has received coordination from the SERA for 145.15 Mhz. This frequency pair had been off the air for several years and the Union Club was happy to acquire this to replace the 145.250 frequency, which was plagued by cable TV noise. A special thank you to Bill Jones, former SC Director, for handling this coordination for me. The Union repeater has seen much more activity from neighboring Counties, which were once unable to use the Union repeater due to cable noise. The club has received many positive comments from hams in other Counties since the change. Finally, after a lot of work by Danny KI4DC and Ron WB4VZN, the 442.1repeater is on the air. We are glad to have this project close to completion.

On March 26th the UCARC participated with the Bi-Annual Duke Power Drill. Union serves as a host county for evacuations if a problem arises at the Catawba Nuclear Site in York County. Club members served as Radiological Monitoring Technicians. The local Emergency Preparedness Division under Director Stephen Jones was in charge of the exercise. The UCARC works closely with the local EPD. David Walters N4ADW is the UCARC Emergency Coordinator.

UCARC members have formed a WCARS VE Team. Jim Cantrell WJ4C serves as team leader. Amateur tests are given in January, March, May, July, and September on the 2nd Thursday at 7:00 PM at the Union County 911 Center at 414 South Pinckney Street. Amateur tests are also given each year at the

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Phone: 704-462-4910
EMail: w4jl@shelby.net

General Hamfest Info
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Shelby, NC 28151
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P.O. BOX 2206
SHELBY, N.C. 28151-2206

Pre-Registration Tickets Will Already Be In The Barrel. Note: No member of the Shelby Amateur Radio Club or immediate family is eligible to win any awards.

Union hamfest in December. The Union Hamfest will be held at the Union County Fairgrounds on Saturday, December 7, 2002.

The York County Amateur Radio Society has been off to a busy start this year. New officers are Bob Bacharach, WA2EMF – President, Carlton Grainger, N4LUF – Vice-President, Richard (Shep) Shepard, NU4S – Treasurer, Sheila Parrish, KG4CDF – Secretary, and Wayne Reeves, KD4RNP – Custodian.

In January, during the snowstorm, Mike Croft, KG4LUS activated a Sky Warn Net, and along with other net control operators, and check--ins, monitored the storm. Mike was the net control operator during the entire storm, and kept in close touch with Greer Weather Service operators. A Valentine's Party for all members of YCARS and their families was held at the clubhouse on the 16th of February. A benefit barbecue for YCARS was held in the Auto Zone parking lot on 72 by-pass in Rock Hill on Saturday, March 23. Van Brown KG4LUT and his wife Leslie KG4NOG were in charge of most of the arrangements, including all of the barbecuing. Equipment was set up to demonstrate to the public what Amateur Radio is really all about!

On March 26th, a drill was held at the EOC building in Rock Hill. Don Lewis AE4TY was the EC, Mike Croft KG4LUS Assistant EC, Brook Todd K3PEN and Van Brown KG4LUT, both operators, all participated in the "Catawba Nuclear Disaster Drill" from EOC. Mike reported that the day was very successful, with a number of check--ins. On April 14th the YCARS and the Chester (CARES) Club helped with the annual "Come See Me Bicycle Race". Club members provided communication for the 37-mile race. Nets are alive and well on the YCARS repeater. Along with Mike Croft KG4LUS, the Net Manager, there are nine net control operators. The nets meet on the frequency of 147.03 at 8:30 PM nightly and at 11:00 AM Monday thru Friday. Archie Killough KE4NJP, net control for Saturday nights, conducts a swap net after his regular session. Bruce Pistole N4VVX, net control for Thursdays (except for 2nd & 4th, meetings are held then), has training nets before the rag chew. The other 10 nets are for fun and fellowship. Operators for these nets are: Sheila Parrish KG4CDF, Betty Grainger KE4EIS, Van Brown KG4LUT, Tom Ray WA8QHL, Brook Todd K3PEN, and Marc Tarplee N4UFP. Russ Harpster KG4EAP, announced to the club that he will be putting together a newsletter for the club. More information about this project in the next column!

I welcome the York County Amateur Radio Society to the South Carolina News Column. I appreciate your efforts and hope to be receiving newsletters from you real soon.

Since the last issue of the SERA Journal several South Carolina Hams and Clubs have received SERA coordination for **NEW REPEATERS**. They are: David Williams KG4LAP in Smokes, SC for 145.21; John L. Place W4HNK in Mt. Pleasant, SC for 443.80, and in Summerville, SC for 147.18; Murray Baughman WA4MPZ in Bluffton, SC for 442.675; David R. Tillotson AC4RZ in Easley, SC for 443.45; Rusty Coleman KU4ZS in Spartanburg for 442.175; and the Spartanburg Amateur Radio Club in Spartanburg for 147.315. I hope to hear some of these repeaters on the air real soon.

I would like to make a request to **all** repeater owners in South Carolina that are not SERA Full Members. Wouldn't you like to have a smiley face next to your repeater listing? Send the SERA your full membership dues today. Lets make South Carolina 100 %. We need your support and with full membership, you and your designee will receive the Repeater Journal for as long as you are a full member.

Would you like to see news from your club in the journal? All you have to do is to send it to **w4rwg@sera.org**.

73 Roger, W4RWG ■

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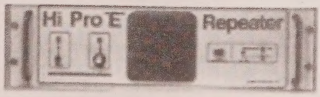

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NORTH CAROLINA

REPORTED BY
MIKE LEWIS WA4KE
3401 APPLE MEADOW DR.
FUQUAY-VARINA, NC 27526
WA4KE@SERA.ORG

I would like to remind the readers of *The Repeater Journal* of the hamfest schedule placed in the back of the Journal. This is an excellent source to determine whether your club will be competing with another regional club. Also, clubs can purchase small Spotlight ads in the *Journal* to advertise their hamfests, public service events or meeting times. If you have any questions, please feel free to contact me.

The **Cary Amateur Radio Club**, N4NC, sponsored a SkyWarn seminar at the NCSU McKimmon Center. Mr. Rod Gonski, of the National Weather Service conducted the Skywarn presentation. This seminar was opened to local hams, emergency personnel, and interested parties. About 100 attended.

During the January meeting, the **Triangle East Amateur Radio Association** had a special guest speaker form NBC-17, Raleigh. Emily Byrd gave an enlightening talk about weather in North Carolina. She also took questions. Also attending with Emily was Janice Jones, meteorologist from NBC 17.

The Elkin National Guard Armory was the site of the Elkin **Hamfest** on Feb. 23. The hamfest was well attended for a smaller fest and the SERA group signed up 40 membership years including 15 new hams waiting on their callsigns. **W4FAL** conducted a taste test of their hotdogs and highly recommends visiting this wiener feast.

The **Charlotte Hamfest** had excellent attendance. Gary Pearce KN4AQ and Roger Gregory W4RWG manned the booth and pulled in 27 years of membership. Gary and Roger did an excellent job manning the booth when the normal group couldn't make it.

The **Kinston Hamfest** was also well attended. Bill Edwards K4BWC, the Roanoke Division ARRL Assistant Director, was the special guest in the SERA booth. His presence helped pull in 16 memberships. Thanks Bill for the assistance and keeping Frank out of trouble.

Al Onley K4VHV, of the **Pasquotank Amateur Radio Klub**, provided an update of the club repeater. During the past year, the WA4VTX repeaters had new Link-Comm RLC 2A controller upgrades. This upgrade allows for linking to the **Columbia Emergency Repeater Association**, phone patch capabilities from either the UHF or VHF repeater, and the addition of repeater temperature, and output power sensors. The amplifiers were replaced with commercial quality continuous duty amps.

W4EWN/R, **New Bern Amateur Radio Club**, has an informative article on the use of crossband repeating and when it should be used. Stop by **www2.cconnect.net/newbernarc** to take a look at this article.

As of 03/04/02, only four NC counties were MIA in the **NC QSO Party**, Alleghany, Brunswick, Lenoir, and Wayne. This year the party was sponsored by the Forsyth ARC. Speaking of contests, the ARRL Field Day Contest is scheduled for June 22 and 23. That's *not* the last weekend in June this year! Finish reading the *Journal* and then check your Field Day equipment, coax, tents, grills, etc.

On Friday evenings, a Kids Net is

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held worldwide on the IRLP Reflector 2, heard in Raleigh on 146.775. The check-ins includes kids from US, Canada and Australia. This type of net could help increase the amount of young hams if a club or Elmer provides the correct support and atmosphere. Check out **http://groups.yahoo.com/group/irlp4kids/.** Thanks to Jim Price WW4M for this information.

N. C. State Alumni Amateur Radio Association WE4NCS has recently been established to provide a venue for NC State alumni who are amateur radio operators. (I wonder if the weekly nets probably include a UNC bashing session?) NCSU Alumni should stop by and sign up on the roster. **www.qsl.net/we4ncs**

The Tar River Amateur Radio Club assisted with the Rocky Mount Special Olympics, which was held on March 15-17. Also, club members, W4LW and K4FMD conducted a DXpedition from St. Martin Island, operating as **FS/K4UP**. Pretty cushy DXpedition, I suspect.

The **Brightleaf Amateur Radio Club** operated from the Voice of America Site C, outside of Greenville, for the NC QSO Party. Sixty-eight contacts were made for a total of 7358 points. The operators included KV4CN, KG4CCX, KG4PZQ, N8FF, K4ROK, K4RLC, and K4MHM. VOA Site C was recently closed by the Federal Government and is currently controlled by East Carolina University. The radio club gets to periodically operate and tour the site. **http://hawkins.pair.com/voanc1.shtml**

The **Possum Trot Net** celebrated their 25th anniversary on January 25th. This net is active Monday through Friday mornings on the following repeaters: Fayetteville 146.910; Hillsborough 147.225; Pittsboro 147.075; Goldsboro 146.850.

The **Central Carolina Helping Hams** web page has a list of public services coming up in the future. Also available is a calendar to allow the interested operators to conduct adequate planning. Links are available to local clubs and radio associations who participate in Public Service events. **www.hampublicservice.org.**

Kinston Amateur Radio Society, Inc. has made Russ Worthington WA4POD a lifetime honorary member due to the repeater work he has donated to the club over the years.

The **JARS** club newsletter editor, Bill Lambert AK4H, does an excellent job of informing the readers of the newsletter of the culture of the JARS club. Also, the club members do a great job of submitting articles that are enlightening and enjoyable. If you get a chance, stop by the JARS website for past issues of the *Organ*. At the next JARS Fest, Bill will be selling some high-voltage corona grease to help cure your 60 Hz line noise, and also a redneck screwdriver antinner [sic].

I would like to welcome the **Carteret County Amateur Radio Society (CCARS)**, W4YMI, to my list of newsletter websites. I received a tip from the *RJ* editor for this website and found some interesting events and an active radio club. I would like to commend the group for their hard work and participation in community events.

The newsletters are starting to come in at regular intervals via email or postal. Each newsletter has its own style and flair as do the websites. As I look over the various newsletters and articles from around the state, I always enjoy the sidebar editorials concerning the amount of food consumed by a certain Ham, the bingo card that always wins, and the practical jokes some members always fall for.

I would like to thank the editors of the newsletters for their continued commitment and ensuring the club news is distributed to the Amateur Radio community. Mike KN4XP, editor for the **Cape Fear Amateur Radio Society**, stated a fact as plain as possible, "It's your newsletter and if you want something to be placed in it, notify me prior to the deadline." The same goes for this column. If you have an important event you would like announced, please send the information to me prior to the deadlines.

The quarterly *Hamfest line-up* includes Williamston, Winston-Salem, Salisbury, Cary, and Waynesville. Take a chance and stop by to support the local club and the vendors. The hometown vendors will enjoy your patronage and don't mind showing you the newest radio gear.

Club trustees and newsletter editor, please contact John Covington W4CC at w4cc@arrl.net, to update the NC ARRL website. The information posted in the Journal typically is obtained from the clubs' website and newsletters. Please continue to send the news to **wa4ke@sera.org** ■

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Do you Know the Time?

Time isn't what it used to be. When Columbus sailed they used a "sand glass" to measure time and counted the "knots" paid out on a line tied to a "log" to measure vessel speed. Their longitude position was deduced entirely from dead reckoning and was characteristically hundreds of miles in error. Now I check the second hand on my Timex to count down the start of our traffic nets. It's a cheap little watch (about $20) and loses about two seconds a month. A very similar one hangs by my rig and gains about five seconds a month. The correct time is always between these two. Net control invariably starts calling the net within four or five seconds of "net time." We all regularly check with WWV to keep our watches correct.

Time, astronomy, and navigation have been very closely associated through all of history. It started with the presumption (pretty good) that a day, the rotational period of the earth, is constant. It was known in the time of Columbus that the stars moved across the sky at a very constant rate, so if you had a good instrument, you could always determine the time. Unless you were moving. If you had a clock that would work on a ship, you could use astronomical data to determine exactly where you were. This was known as "The Longitude Problem" which, as ocean commerce expanded, became extremely important. Many ships and many lives were lost to navigational inaccuracy.

During Galileo's time (early seventeenth century) telescopes became available, but clocks were still needed. Galileo proposed that the moons of Jupiter be used as a clock for navigation. This was impractical but the idea is theoretically sound and was defended for a hundred years by many notable scientists, including Isaac Newton.

A more practical contribution by Galileo came as an observation (so the story goes) made while at church. He noticed a swinging chandelier and timed it using his own pulse. This led to his assertion that a pendulum swings with a constant period. Huygens, another notable astronomer, picked this up and in 1657 developed a pendulum clock adequate for astronomical measurement. Pendulum clocks quickly progressed through a wondrous variety of "escapements" and improvements to greatly extend their utility. Unfortunately, they are of no use on sailing vessels.

Last September, as the last leg of a great vacation, Susan and I were in London for several days, and, naturally, made the pilgrimage to Greenwich. It's a little over an hour down the river Thames from London by tour boat, and, while it doesn't rival the Tower of London as an attraction, it sees a lot of visitors. The old Royal Observatory, established by Charles II in 1675, was there to see. This was where Flamsteed, the first Royal Astronomer, made the observations that comprised the first "nautical almanac". It is a museum now, and no longer an observatory. We got to see Harrison's clocks and several of Flamsteed's original instruments and the Prime meridian itself - but I am getting ahead of myself.

Initially every astronomer used his own telescope as his personal prime meridian. Sailing instructions were usually given as so many degrees east or west of some starting point. By 1699, Samuel Fyler had suggested dividing the earth into 24 parts, corresponding to the hours in the day, which naturally became the 360 degree system, but the prime meridian was up for grabs and remained so for a hundred years.

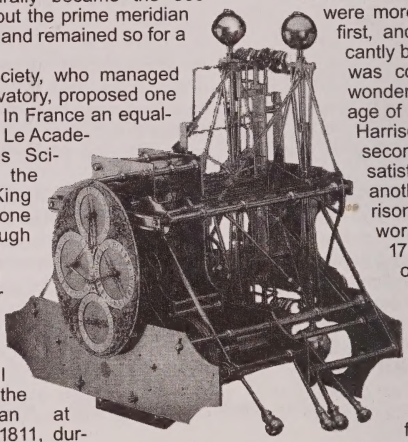
The Royal Society, who managed the Royal Observatory, proposed one through London. In France an equally notable group, Le Academie Royale des Sciences, under the auspices of King Louis XIV, used one that ran through Paris. Nevil Maskelyne, fifth Astronomer Royal, was largely responsible for the international acceptance of the prime meridian at Greenwich. By 1811, during his tenure, forty nine issues of the comprehensive "Nautical Almanac" had been published to support the pervasive British maritime industry and this simply overwhelmed alternatives.

France was a poor loser. Paris is only 2 degrees 20 minutes east of London, but is not on London time. France is in the European time zone, and while the sun crosses the zenith only ten minutes sooner, noon happens an hour before it happens in England.

But we return to the navigation problem. Wrecks, losses and the universal hazards at sea caused the united shipping interest in London to submit a petition to Parliament demanding the government do something. Responding, Queen Anne on July 8, 1714, issued the Longitude Act which provided a prize of 20,000 pounds (over 15 million of today's dollars) for a solution. It was required to determine longitude to within a half degree (about 20 nautical miles at mid latitudes), meaning that a satisfactory clock might be in error by nearly two minutes. There were watches at that time that used hair spring balance wheel movements, but they were generally inaccurate and far too fragile.

Out of the general rush to claim this money there came some really crazy schemes and some elaborate and impractical astronomical exercises, but there were no clocks and no winners for fifteen years. A clock maker named John Harrison then thought he could do it. He used coupled opposing dual movements of weights and springs compensated in extraordinary ways. After devoting four years to this he produced in 1735 a large, complicated and beautiful work of art that worked. The admiralty subjected it to a trial voyage and it performed very well, saving the vessel from a night-time grounding and winning great praise from the captain.

The bureaucracy was not satisfied, however (20,000 pounds was a lot of money), and sent Harrison back to effect some improvements. Over the next 25 years Harrison produced three more versions. Harrison II and Harrison III were more elaborate than the first, and didn't work significantly better, but Harrison IV was compact and worked wonderfully. During a voyage of 81 days in Jan 1762, Harrison IV lost only five seconds. They still weren't satisfied and required still another clock, which Harrison made, and it also worked. It wasn't until 1775 that Harrison, an old and very bitter man, got most of the money.



Susan and I got to see the actual clocks, Harrison I, II, III and IV. They were all beautiful, intricate, fascinating and the first three were running. Also displayed in the museum was a sequence of nautical chronometers that included many of the early commercial models that served the clipper ships of the nineteenth century.

When one thinks of Charles Darwin, one remembers the Beagle, the ship that carried Darwin on his journey. Actually, Darwin was aboard only for the ride. The real mission of the Beagle as it sailed out of Devonport on 27 December 1831 under command of Captain Robert Fitz Roy, was to chart the coast of South America and some of the Pacific Islands. This is what the Beagle did in a circumnavigation that lasted almost five years. There were twenty two chronometers on board and an instrument maker to keep them in working condition. Darwin's exploits were slipped into the itinerary so as not to interfere with this very much more important task.

We now take for granted mapping by satellite imagery and locating things by GPS. The GPS is so easy to use and so accurate that I discovered workers in an arboretum documenting the location of

specimen plants with a GPS. My own little bare-bones GPS will return to a way point within a car's length. Of course I had my GPS with me at Greenwich and as I straddled the lighted brass prime meridian I whipped it out and made a reading, expecting to confirm Zero longitude. That's NOT what I got. It was necessary to move about 100 meters east to get my instrument to read zero. I asked the nearest attendant about it and he said, "Yes, we've seen that before ..." I think his job was mostly to keep the school kids from wrecking the place, and while he didn't understand what it was all about, he was not inhibited from launching into a lengthy discourse to explain it. He made no sense, so I didn't push him.

Subsequent query vindicated my measurement. Our very precise locational devices are much younger than the museum and when it was first opened longitudes had been established for many places around the world, but not too precisely. The Global Positioning System makes compromises among decades of errors and puts its prime meridian in a place slightly off from the traditional one.

We live with the fact that the meter isn't really one ten millionth the distance from the equator to the pole or even the distance between those marks on that plat-

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Mail: Rowan ARS, P.O. Box 593, Salisbury, NC 28145 - Visit Our Web Site: www.qsl.net/w4exu
Phone: Ralph Brown, WB4AQK (704) 636-5902
Email: rbrown@salisbury.net

Talk-In 146.73 (W4EXU) tone 94.8 or 146.52 Simplex

Salisbury Hamfest Advanced Ticket/Table Order Form

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Address_____
City_____State_____Zip_____
Telephone (_____) _____
E-Mail_____

Include SASE with Table and Ticket orders. Must be received by June 20. Make Checks Payable to Rowan ARS. Mail to Rowan ARS, P.O. Box 593, Salisbury, NC 28145

Tickets @ $4.00 Ea _____
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NO. 30 - Effective 1 January 2001

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2nd Color usually bright Red with/black

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The Repeater Journal cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

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Mike Lewis WA4KE
Repeater Journal Advertising Manager
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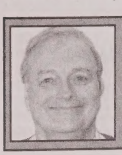
Fuquay-Varina, NC 27526
919.552.9118 h 919.549.1561 w
wa4ke@sera.org

AD & COPY DEADLINE DATES

Ad copy deadlines are normally the 1st of the month, prior to month of publication. The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Ad Department.

FEBRUARY ISSUE - January 1
MAY ISSUE - April 1
AUGUST ISSUE - July 1 ←
NOVEMBER ISSUE - October 1

inum bar in Paris, but is based on the wave length of krypton 86 light. And the second, while still thought of as a fraction of a sidereal year is defined as a number of oscillations of a particular transition of the cesium 133 atom. We know now that the earth does not rotate at an exactly constant rate, and we are no longer on GMT but now live by UTC time, which could be different, sometimes, by almost a second. My 100 meters amounts to a rotational arc of 0.0013 degrees of longitude, or about 0.3 seconds of time. I think if I had been showing tourists an elegant brass line on a tastefully decorated cobblestone courtyard among historic buildings for fifty years and calling it the "prime meridian", I would be disinclined to disavow it for some piddling correction. As the saying goes, "close enough for government work." ■



Nostalgic Wavelengths

DAVID BOWER K4PZT
P.O. BOX 10145
KNOXVILLE, TN 37939
9423) 670-1503

I was thumbing through an old box of SERA *Journals* recently when one particular issue, May 1982, caught my attention. The cover had a grand picture of the World's Fair complex in Knoxville, Tennessee. It was also the year the ARRL Delta Division Convention was hosted by the Radio Amateur Club of Knoxville May 22-23.

The front inside cover of the *Journal* had an advertisement for the 16th Annual Knoxville hamfest, and the cover story by L.B. Cebik W4RNL, was titled *Ham Radio Goes to the 1982 World's Fair.* The article covered the details of organizing the effort to install and operate an amateur radio station at the World's Fair.

But let's back up a bit and look at this issue of the *Journal.* The periodical was physically smaller back then and everything was in black and white. And, I might mention, the states represented at the time included Virginia, North Carolina, South Carolina, Tennessee and West Virginia. The cover price was only $ 1.25. A one year Associate membership was $ 3.00 and Full Membership was $ 8.00. The Editor and Publisher for the magazine was Wayne Williams K4MOB. The President was Don Morris AB4J, Vice President A. Carter Cogle K4ARO, Treasurer Ray Adams N4BAQ (now W4CPA) and Secretary Maxine Barrett N4ECA. With the May 1982 issue of the *Journal*, the organization was celebrating its 11th year of service to the hobby.

Let's skip around and see what other hamfests were going on in May 1982. The Tri-Cities Hamfest in Johnson City/Kingsport, Tennessee and the Greenville, SC Hamfest started the schedule May 1-2, followed by the Durham, NC hamfest the middle of the month. The Alabama State ARRL Convention was scheduled for May 15-16, with a hamfest in Gastonia, NC the following weekend. The Roanoke Division ARRL Convention was to be held in Raleigh, NC May 22-23; along with the ARRL Delta Division Convention in Knoxville on the same weekend. The month was rounded out with a hamfest in Roanoke, Virginia and another on the same date in Harmans, Maryland. Hamfests sure have grown in number over the years, but many are now one day instead of two day events. The *Journal* reported the Charlotte, NC Hamfest in March drew an estimated crowd of over 7,000 on Saturday, and about 5,000 on Sunday. Some crowd !

If you wanted a 2 meter HT, you could purchase a Santec from Williams Radio Sales for $ 309.00 in 1982 dollars. On high power, the unit ran 3.5 watts and had all of 10 memories. Things sure have changed over the years and, comparatively speaking, you get more HT bang for the dollar in 2002 some 20 years later.

To promote membership, the Repeater Journal was sponsoring a contest worth over $ 700 for those joining or renewing their membership. The prize drawing was to be for a pair of two meter HTs.

On the back cover of this issue the Director for Tennessee, Sam Kirby WB4HAP, caught my attention. I graduated from Fulton High School in Knoxville with Sam back in 1961. And while I had known Sam since grade school, he did not really get interested in electronics and ham radio until after he graduated. I talk on occasion with Sam and he still operates several repeaters in East Tennessee.

A nice article by Jim Fitzgerald K4OJE detailed a new wide coverage Richmond area repeater. As the piece related, the Metropolitan Repeater Association wide area machine on 145.43 began operation on March 6, 1982, utilizing an antenna at 811 feet on the Channel 35 television tower. I bet the coverage was really fantastic for many miles around Richmond, Virginia.

And there was a technical column written by Gerry Milhoan, WD8CQW. A simple mobile voltage regulator was detailed, with another tip on reducing automobile alternator whine.

Even back in 1982, the featured listing for repeaters in the CVRA-SERA region was very detailed and informative. In my home town of Knoxville, the listing included 10 two meter repeaters. Tim Berry WB4GBI (now Tennessee SERA Director) had a repeater on 145.47. There was a single 220 repeater in Knoxville, two on 440, three on six meters and even one on ten meters. In looking at the May 2002 Journal for Knoxville, a few have been added on two meters, but the number on 220 and 440 has really grown. Now six are listed for 220, and fourteen for 440. Four are listed for six meters, and the single ten meter repeater is gone.

Well, that's a look back 20 years ago. Wayne Williams and other SERA volunteers sure carried the *Journal* a long way over the years and the publication has blossomed into the best of its kind in the nation. ■

Size Comparison: Repeater Journals from May '82 and Feb '02 (you may notice that this May '02 issue is just a wee bit smaller than February. We've trimmed the edges a bit to save postage)

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MAY - By Apr. 15th
AUG - By Jul. 15th
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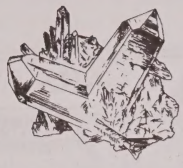

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July 19-21.....Boone, NC
National Guard Armory

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Sept. 13-15.....Asheville, NC
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And let's get technical

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kb4yfv@hotmail.com

WHERE DID THE SMOKE COME FROM???

Greetings all! It was with great sadness I learned of Wayne's passing. Wayne was a great inspiration to me to write for the *RJ*, and I will miss visiting with him! It is with Wayne in mind that I want to share the following :

Many of you reading are tech types, but some are not, so this time I thought about sharing some certified rules about electronics, radio, and life. Many of these are my own, some observed, and a few stolen from friends...

When working on equipment, always remember to unplug it before opening the covers. You will drop a screw, or spill your coffee, and this just leads to bad words spoken in front of the observer.... unless you are alone, then the accident will always take a part that you do not have handy....

When troubleshooting a device, remember to plug it back in. Air is an excellent insulator, preventing the power from flowing from plug to socket. Also, take a moment to observe those pesky on-off switches. They like to hide from me. They are however very clearly seen by everyone else!

When working on a live circuit, remember that once the smoke is released from a component, it should be replaced (the component, not the smoke). A fuse seems to only work one time as well....

If smoke is released, be sure to follow the mushroom cloud with the calm words " Yep, there's the problem!" Running for the door during this time is NOT recommended, unless of course it is potty time....

Dropping a device from 1 to 2 feet on the work bench is considered a "loose joint check." Throwing the broken device from a car, going 60 mph, smashing it into millions of parts is considered proper if the device refuses to be repaired after the third attempt. Second time if it is for a family member that never pays you anyway.

Dropped parts are only found if you have spares. Rare items will always drop into the dark hole in space. The more expensive the part, the more it will hide from you. Dropped screws do not count, duct-tape will always suffice.

It has been proven many times over, loud yelling, cussing, and a good beating will *not* repair an item, but it *will* make you feel better. Except when a device gets a final revenge by hurting our hands during the beating, then refer back to the car idea.

No device ever designed, constructed, or operated by a human will be fool-proof. A kid will have it apart in 10 seconds, a wife will break it in 30 seconds, or a Ham will have it rebuilt, improved, and upgraded in less than three weeks.

When repairing items with an observer, never use words like: "I don't see it", "why is that not", "hey look, extra screws", or "geez this thing is really complicated." Preferred things to say : "hhhhmmmmmmmm," "I see, that's what they are doing here," "Engineers always make things way too complicated anyway," "it will fit" (followed by the sound of a hammer and chisel).

Use high tech terms when talking about devices:

LRL = little red light

Proper alignment = hit it again!

microprocessor = used to cover any circuit that won't work

dog = any device that refuses to work, no matter what

big dog = dog that won't work, even if plugged in

bad dog = big dog that your high tech friend can't even fix

junk = any device at a Ham fest you want, but is owned by someone else

lil' something = device you found for $5, but was junk before

classic = device that was junk, but now a classic because you had to pay $ 10 or more for it

REAL CLASSIC = paid over $50

Collectors item = paid WAY to much for it

trash = anything you don't want to buy at a ham fest

And the most important rule to remember: If at first you don't succeed, use a bigger hammer. A nine pound sledge *is* a calibrated alignment tool. Just be sure to *not* hit your toes.....

Take care till next time! ■

Getting Started

GARY PEARCE, KN4AQ
kn4aq@sera.org
116 WATERFALL CT.
CARY, NC 27513

Ode to a Kilocycle Kop

Last issue's column on intermod and mixing was pretty technical (and pretty long). I thought I'd better throttle back this month and tackle something on the social side. We've yet to see if this one is also going to be pretty long. I hope not.

But before we get started, a special message to *Getting Started* readers. Now that I'm editing the whole magazine, I think that it's time to look for someone else who's full of ideas for new hams to take on this column. Not that I don't like doing it. If I had my druthers (whatever a "druther" is, and I don't know whether I've ever had mine or not, but I suspect I haven't), Wayne would still be alive and kicking, and this column would be my contribution. But this cookie crumbled differently, and now I need to share the load… er, wealth. So if you've been thinking you'd like to teach the young whippersnappers a thing or two, now's the time. Drop a line to kn4aq@sera.org and let's discuss it.

Now back to our regularly scheduled column.

I've been accused of it, and I admit it. I am a Kilocycle Kop. My local radio club even gave me a badge and a pair of giant ears at an awards presentation a few years ago. So it's no secret. Nor is it a source of shame. In spite of what you may have heard about the term, I'm kind of proud of it. I think I do it pretty well.

If you're not all that familiar with them, Kilocycle Kops are hams who get on the air and tells other hams when they've screwed up. Don't confuse this with an OO (Official Observer). There are some significant differences. An OO has an ARRL field appointment. Kilocycle Kops appoint themselves. OO's discretely mail the notice of violation of rules or good operating procedure to the offender. Kilocycle Kops just get on the air and tell them, in front of God and everybody. The offender appreciates and respects the communication from the OO, and corrects the deficiency in their procedure or equipment immediately. Yeah, right.

Suddenly I'm feeling defensive, and I did it to myself! Now I'm either going to justify my behavior, and maybe recruit a few good Kops, or convince myself to stop.

Let's look at some case studies.

It was a dark and stormy night. I was working the late shift, monitoring the local repeater. A couple of new Techs had been chatting for a while, when one of them came upon the interesting notion of moving to a simplex channel. Probably read it in the ARRL Repeater Directory or something. Not a bad idea, though I don't endorse the dogma that you should only use a repeater when you're not in simplex range. Repeaters aren't just holes in the sky that allow your signal to be heard farther down the road. They're social vehicles where people gather. It's as much about the audience listening as the performers talking. But I'm not granting license to hog a repeater that might be busy with other users. That might bring out the Kop in me.

Now how did I start out *there*, and end up *here?* Let me take a step back and listen to those new Techs again. They were going to go to a simplex channel, but they had a problem. They didn't know exactly what a simplex channel was. They hadn't immersed themselves in the band plan yet. Can't say I blame them. The two meter band is a mess. Repeater inputs here, there, and there. Outputs there, and here. SSB over here, and satellites over there. Squeeze in some packet, some beacons, a slice of cw…. It's nobody's fault. The band grew in fits and starts, so there was no chance to plan things and have them in nice, neat rows. Nobody even thought about a band plan for two until FM and repeaters came around and started filling it up.

So these new Techs (remember them?) didn't quite know where to go to operate simplex. They picked a nice, round number: 144.0 MHz. I knew I had to act, and I had to act fast.

You see the problem. 144.0 is the band edge. You can't operate FM there because some of your signal will be fall outside the band. A frightening no-no. And that's not all. 144.0 to 144.1 is cw only, per FCC rules (we Kops like FCC rules – we're experts on them). So even if your signal somehow stayed inside the band, modulation isn't permitted.

I grabbed the mic and called them, before they had the chance to switch their dial. Whew – I was in time. They replied, and I explained a bit of the band plan, and suggested they might want to use one of the band plan simplex channels. Somehow I avoided the debate about using 146.52 for rag chews or just monitoring. Then I sat back and waited for their heartfelt thanks, and possibly the praise of my fellow club members monitoring the repeater.

One of the Techs answered me, sounding 1) confused, and 2) hurt. But they didn't go to 144.0. I think they just stayed on the repeater and didn't go to simplex at all – too much trouble.

Here's a more recent example – yesterday, in fact, as I write this. I was driving home from the Kinston NC hamfest, just coming into range of my home repeater. It sounded like some hams

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Tailgating area available Friday after 2:PM. Enter through Gate 5 (same as last year) and we will direct you from there. Lots of parking close to Hamfest. No food, drink, firearms or pornography for sale per local ordinance without prior arrangement. Free food giveaways are OK. Dealers call early due to limited covered space.
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from out of town were using the machine to coordinate their arrival in several cars. They decided to do the noble thing and go simplex as well. And they picked 145.95. OK, I'm gonna let you think a moment and figure out the problem here. We'll make this open-book and you can look up a chart if you want.

Doo-dee-doo-doo, doo-dee-doo (that's the Jeopardy theme, in case you don't recognize it).

Got it? Give up? That's right – 145.95 is right in the Satellite band. What a terrible place for FM simplex. You can be wrecking a satellite transponder input and never even know. (There are some satellites that are set up for FM, if you want to play with them). The satellite folks *beg* FM operators to give them a break.

So I pounced again, and suggested 146.52. One of the transient hams responded and announced to the others to go to 52. The others did not reply. Maybe they had already moved to 145.95. Maybe they were just torqued that somebody would lecture to them (well, that sets *that* repeater's reputation!). Maybe they were just confused. I was too far away to listen and see if they got hooked up again on any frequency, but they disappeared from the repeater.

These two examples seem almost benign. We can get into more controversial territory by enforcing a club policy. My club has a reputation of being pretty strict on its repeaters (about 90% due to me, probably). We're not going to tolerate potty-mouth, but as far as subject matter goes, we're pretty lenient. We do prohibit attacking individuals or groups. So when a fellow complained about the "Jungle Bunnies" in his neighborhood playing their stereos too loud the previous night, he got a tap on the shoulder from yours truly.

He didn't even know what he did wrong. But this is the same fellow who had to be asked, then told, not to blatantly tell people what great deals the company he worked for had in their catalog, and how they should call him if they wanted to order something.

Cop on the Beat

I said Kilocycle Kops appoint themselves. But there's a subdivision that has more official sanction. The repeater Control Operator. *Control Op* is an FCC designation, and the repeater owner/trustee can appoint Control Operators to keep things legal. The Control Op may or may not behave as a classic Kilocycle Kop. They may just turn off the repeater if they hear something they don't like.

The Control Op is like the cop on the beat. And most of my Koppage happens on my club's repeater. I rarely try to "improve" operation on HF, or even someone else's repeater. I've been tempted. I think maybe this is where Kopping gets its really bad reputation, from Kops At Large. There are plenty of them, and there's plenty for them to do, but I wonder if it's ever effective. I doubt it.

On the Air, or Offline?

I lace up my tap shoes, and I shall dance. Is it ever appropriate to call down another ham on the air? Wouldn't at least a phone call be more acceptable? You can probably guess how I justify doing it on the air: Strike while the iron is hot. Make an example that others on frequency can appreciate. Make it more fun for me, the Kop. Good reasons, or just rationalizations? You be the judge, I'm just the Kop.

I try to be nice, except for those hams who need their attention attracted by a blunt instrument. I must admit that I ought to make more phone calls, and do less on the air.

R.A.R.E Opportunity

I also try to nip problems before they get started. The ham equivalent of D.A.R.E. – Radio Abuse Resistance Education. That happens in class, when I've got hams-in-training as a captive audience, and at club meetings. That may be the most effective time to be a Kop. Remember "Officer Friendly?" You loved him, but you screwed up later, anyway. Woe unto my students if I come across them later on the air, violating some sacred principle I tried to drill into their soft heads during class.

I don't recommend becoming a Kilocycle Kop. I don't think anyone chooses this career, anyway. The career chooses the Kop. It's probably a basic personality trait. All us Kops do it because we think we're making the hobby better, but that's a very subjective position. If you are called to this hard life, try to do it well. I'll be listening. ■

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SERA Full Repeater Membership Report

Full Membership - By State - By Year - 1995 - 2002 — *1st QTR 2002 REPORT*

SERA STATE	TTL	TTL '95	TTL '96	TTL '97	TTL '98	TTL '99	TTL '00	TTL '01	Ttl. Mbr 1st Qtr.	TOTAL Mbr. %	TOTAL RPTRS	SERA STATE
GA	195	236	217	260	232	235	241	243	244	53.6%	455	GA
KY	80	122	129	140	154	165	166	181	174	55.4%	314	KY
MS	50	75	73	60	59	62	71	71	64	37.8%	169	MS
NC	243	274	295	283	288	278	329	320	280	59.9%	467	NC
SC	68	83	81	84	79	91	97	101	99	55.6%	178	SC
TN	188	202	193	227	221	206	225	232	211	44.3%	476	TN
VA(1)	157	178	162	181	189	182	170	181	183	47.9%	382	VA
WV(2)	62	82	84	90	95	80	76	83	71	39.2%	181	WV
TTLS	1043	1252	1241	1325	1317	1299	1375	1412	1326	50.6%	2622	ALL

(1) Total Virginia list does not include 100 or more Repeaters in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and
(2) 10 or more Repeaters in the West Virginia Panhandle area in T-MARC Territory.

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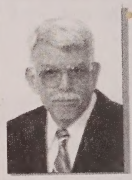

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HAMFEST/CONVENTION SCHEDULE

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors; the ARRL, Commercial Dealers, and the response of many clubs and individuals sponsoring ham and computerfests.

Deadline for next August Issue is July 1, 2002

MAY, 2002

3-4. . . . . MO St. ARRL Conv/HF, LEBANON, MO
4. . . . . Upstate Hf, SPARTANBURG, SC
4 . . . . . Big Sandy ARC Hamfest, LOUISA, KY
4. . . . . Hamfest, GRAYSONVILLE, MD
4-5. . . . . Birminghamfest, BIRMINGHAM, AL
5 . Hmfst, Fayette Co. Mem Bldg, FAYETTEVILLE, WV
5 . . . . . Antietam RA Hamfest, HAGERSTOWN, MD
5. . . . . Jax Cty ARC Hamfest, RIPLEY, WV
11 . CANCELLED!! Plateau ARA Hamfest, BECKLEY, WV
11. . . . . Johnson Cty ARC, MOUNTAIN CITY, TN
17-19 . . . . . Hamvention, DAYTON, OH
18. . . . . Sadler's Creek St. Pk., ANDERSON, SC
18. . . . . Roanoke ARS Swapfest, WILLIAMSTON, NC
18. . . . . Hamfest, STATESBORO, GA
25 . . . . . Hopkins Co. ARA, MADISONVILLE, KY
25 . . . . . Dur-HamFest at S. Sq. Mall, DURHAM, NC

JUNE, 2002

1 . . . . . Atlanta RC Hamfest, ATLANTA, GA
1 . . . . . Tailgate Party, SILVER POINT, TN
2. . . . Ole Va Hams, Hamfest at FG, MANASSAS, VA
2. . . . . Starved Rock Hamfest, PRINCETON, IL
7-8 (Fri eve-Sat) . . . Elec. Expo/HF, KNOXVILLE, TN
7-8 (Fri eve-Sat). Hf/Comp Show, PASCAGOULA, MS
8 . . . . . HF/Computer Fair, ALBANY, GA
8. . . Franklin ARRA Picnic/Tailgate, FRANKLIN, VA
8. . . W-S Classic at Dixie FG, WINSTON-SALEM, NC
9 . New Location - NKyARC Hamfest, EDGEWOOD, KY
16. . . . . Frederick ARC Hamfest, FREDERICK, MD
22-23. . . . . ARRL FIELD DAY
23. . . . . Eastern Shore Hamfest, EASTON, MD
24 . . . . . Hamfest, ZEPHYRHILLS, FL

JULY, 2002

6. . . . . Firecracker HF at Civic Cen, SALISBURY, NC
13 . . . . . ARRL GA State Conv/HF, GAINESVILLE, GA
13. . . . . Hamfest at Bradley HS, CLEVELAND, TN
20 . . . . . Midsummer Swapfest, CARY, NC
20 . . . . . RCARS Hamfest at Cdr Pt. Pk, DAYTON, TN
26-27 (fri-sat). . . . . Milton ARC Hamfest, MILTON, FL
27 . . . . . OH-KY-IN ARS Hamfest, CINCINNATI, OH
27 . . . . . WCARS HF, Hywd Co. FG, WAYNESVILLE, NC
28 . . . . . Portage Cty ARC Hamfest, RANDOLPH, OH
28 . . . BRATS HF and Computer Fest, TIMONIUM, MD

AUGUST, 2002

3??? . . HF at Wm. Byrd H.S. VINTON, ROANOKE, VA
3 . . . Voice/ Aladdin ARC Hamfest, COLUMBUS, OH
3. . . . . Hamfest, EILLIJAY, GA
4 . . . . 52nd Annual Winchester HF, BERRYVILLE, VA
4. . . . . Hamfest at Stuben Co. Frgrnds, ANGOLA, IN
4. . . . . HF at Nat'l Grd. Arm, LEXINGTON, KY
10* . . . . . Hamfest, at Meth. Col., FAYETTEVILLE, NC
10 . . . . . TARA HF & Comp. Show, HUNTINGTON, WV
17-18. . . . . Hamfest, HUNTSVILLE, AL
18* . . . . . Warren ARA Hamfest, WARREN, OH
24 . . . WV State Conv/HF, (Jksons Mill) WESTON, WV
25* . . . . . Short Mt. RC, Hamfest, LEBANON, TN
30-Sep 1 . . Hamfest at Cleveland Co. FG, SHELBY NC

SEPTEMBER, 2002

7*. . . . . Owen Cty ARA Hamfest, SPENCER, IN
7 . KY St. ARRL Conv/HF-Bullit FG, LOUISVILLE, KY
7* . . . . . Hamfest at Auditorium, MELBOURNE, FL
7* . . . Dalton ARC Tailgate Fest, PRATER'S MILL, GA
7-8 . . . . . Columbia ARA, Hamfest, FRIENDSHIP, MD
8 . . . . *(Sunday Only)* Hamfest, VIRGINIA BEACH, VA
8*. . . . . Findlay ARC Hamfest, FINDLAY, OH
8*. . . . . Butler Cty ARA Hamfest, BUTLER, PA
13-14* (fri.nite-Sat) Mobile ARC Hamfest, MOBILE, AL
14*. . . . . Arrl St. Conv./Hamfest, LITTLE ROCK, AR
14. . . . . Paulding ARC Hamfest, DALLAS, GA
14* . . . . . Mobile ARC Hamfest, MOBILE, AL
22*. . . . Hamfest Assn. of Clev. HF, CLEVELAND, OH
22 . . . . . Greater Cinci ARA Hamfest, CINCINNATI, OH
27-28 (Fri-Sat). . . Ten-Tec Hamfest, SEVIERVILLE, TN
28* . . . . . Hamfest, DOTHAN, AL
28*. . . . . Day in Park HF, STARKVILLE, MS
29* . . . . FARS HF at Pr. George Stadium, BOWIE, MD

OCTOBER, 2002

5. . . . . KCARC Hamfest, BOWLING GREEN, KY
5 . . . . . Hamfest/Computer Fair, ROCK HILL, SC
12*. . . . . Stafford ARA Hamfest, STAFFORD, VA
12* . . . . . Hamfest, STARKE, FL
12* . . . . . Hamfest, OAK RIDGE, TN
12 . . ARC of Augusta, HF/Comp Show, AUGUSTA, GA
13. . . . . Hamfest, MAYSVILLE, NC
19 . . . . . NW GA ARC Hamfest, ROME, GA
19 . . . . . Gr. Jax HF Hamfest, JACKSONVILLE, FL
26* . . . HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
26 . . . Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
27 . . . . . Massillon ARC Hamfest, CANTON, OH

NOVEMBER, 2002

1-2 (Fri-Sat) . . . . . Baton Rouge Hamfest, BAKER, LA
2-3 . . . . . GA ARRL Sec./HF, LAWRENCEVILLE, GA
9 . . . . . Beachfest/Fleamarket, MYRTLE BEACH, SC
9* . . . . Hamfest at St. Fairgrnds, MONTGOMERY, AL
9*. . . . . Hamfest, PORT. ST. LUCIE, FL
15-16* (fri-sat) . . . . . Hamfest, OCEAN SPRINGS, MS
16* . . . . . Twin City Hams, Hamfest, MONROE, LA
16-17*. . . . . Hamfest, FT. WAYNE, IN
17* . . . . JARSFEST at American Legion, BENSON, NC
23*. . . . . EARS Hamfest, EVANSVILLE, IN

DECEMBER, 2002

7. . Union Cty ARC Hamfest, Fairgrounds, UNION, SC

JANUARY, 2003

4. . . . . HF at Talley Ward RC, MORRISTOWN, TN
12-13* . . . . . Ft. Myers ARC Hamfest FT. MYERS, FL
11. . . . . Hamfest, GREENWOOD, SC
11*. . . . . Dial RC Hamfest, MIDDLETOWN, OH
12* . . . . . Hamfest, SOUTH BEND, IN
18*. . . . . Hamfest at SLU Univ., HAMMOND, LA
18*. . . SCARA Hamfest at Civic Center, GALLATIN, TN
18-19*. . . . . Hamfest, SARASOTA, FL
25* . . . . . DeSoto ARC Hamfest, ARCADIA, FL
26*. . . . Md Mobileers ARC Hamfest, ODENTON, MD
26*. . . . . Tusco ARC Hamfest, DOVER OH

FEBRUARY, 2003

2*. . . . . MS St ARRLConv/HF, JACKSON, MS
1*. . . . Hamfest at Stall HS, N. CHARLESTON, SC
1-2*. . . . . SE ARRL Div Conv/HF, MIAMI, FL
7-9*. . . . Hamfest, Central Florida FG, ORLANDO, FL
8-9. . . . . DixieFest Hamfest, MEMPHIS, TN
9* . . . . . Hamfest, MANSFIELD, OH
9* . . . . . ARRL VA State/FrostFest, RICHMOND, VA
15* . . . . . Hamfest, SEBRING, FL
22* . . . . . Dalton ARC Hamfest, DALTON, GA
23*. . . . . Hamfest, Nat'l Grd. Armory, ELKIN, NC
23. . . . . Hamfest, Fayetteville HS, FAYETTEVILLE, WV
23 . . . . . Hamfest, ZEPHYRHILLS, FL

MARCH, 2003

1* . . . . . Gulfcoast ARC HF, NEW PORT RICHEY, FL
1* . . . . . AR River Val. Hamfest, RUSSELLVILLE, AR
1* . . . 26th Mam. Cave ARC Hamfest, CAVE CITY, KY
1* . . . . Kerbela Hamfest at Temple, KNOXVILLE, TN
2* . . . . . Vienna WA Winterfest, ANNANDALE, VA
7-9* . . . . . LA State ARRL Conv/HF, RAYNE, LA
8* . . . . . Hamfest, HARRISON, AR
8* . . . . . Hamfest, PORT CHARLOTTE, FL,
8-9* . . . . . HF/Comp. Show, CHARLOTTE, NC
15* . . . Hamfest at Coonskin Amry, CHARLESTON, WV
16* . . . . . Toledo MRA Hamfest, MAUMEE, OH
23* . . . . Downeast HF - Lenior Cty. FG, KINSTON, NC
23* . . . . . Lake Cty ARA Hamfest, MADISON, OH
29* . . . . . Middle TN ARS Hamfest, TULLAHOMA, TN
29-30 . . . . . ARRL MD St.-Conv/HF, TIMONIUM, MD

APRIL, 2003

5*. . . . . Hamfest, ELIZABETHTOWN, KY
5-6* . . . . . Gr. Jax HF Hamfest, JACKSONVILLE, FL
6* . . . . Ft. Smith Area ARC Hamfest, FT. SMITH, AR
7* . . . Swapfest at Tombigbee St. Pk., TUPELO, MS
13* . . . . NC St. ARRL Conv./RARSFest, RALEIGH, NC
19. . . . Chesapeake ARS Springfest, CHESAPEAKE, VA
19 . . . . . Catawba Val. HF & Comp., MORGANTON, NC
19*. . . Nashville ARC Tailgate Party, NASHVILLE, TN
26* . . . . . Cherokee Cap. ARS Hamfest, CALHOUN, GA
26*. . . . . Bankhead ARC Hamfest, MOULTON, AL
26* . . . . 5th Salkehatchie Tailgate Party, WINSOR, SC
26* . . . . . Hamfest, GAINESVILLE, FL
27* . . . . . Athens Co. ARA Hamfest, ATHENS, OH
27*. . . . . Hamfest, CANFIELD, OH

2003 CONFIRMED DATES

May 16-18 . . . . . Dayton Hamvention, DAYTON, OH
July 19 . . . . . Mid-Summer Swapfest, CARY, NC
Aug. 6 . . . . . 53rd Winchester HF, BERRYVILLE, VA

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RPTR #2				
RPTR #3				
RPTR #4				

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IF A 2002 SERA REPEATER DATASHEET WAS NOT RECEIVED LAST OCTOBER, INDICATE PERSON'S NAME AND ADDRESS TO SEND 2003 TO:

NAME _____ CALLSIGN_____
ADDRESS_____ CITY_____ STATE_____ ZIP_____

■ *IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED, ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP An application for SERA Full Membership status, and the payment of the respective dues thereof, does NOT constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.*

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

RJ 11-01

REPEATER OWNERS

There is nothing like letting your friends and users know you support SERA. Full Member repeaters are designated in our indexes by the little ☺. Don't be "un-smiley" ☹, fill out the application above and send it in. Two persons will be Full Member Representatives and get the Repeater Journal for 2002.

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IC-2100H
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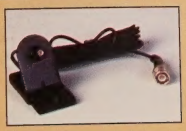

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*Digital communications require at least two similarly equipped transceivers.
Digital mode is compatible with Alinco DR-135/235/435T mobile transceivers equipped with EJ-43U digital communications board.
Digital mode may not be legal in some countries. See FAQ on digital at www.alinco.com.

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